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SC5 (REV) AND (RCCI) KEY RESTORE RESPONSES	E6		1		Ц	1	Ц	1	1.0		1	1	115	Ľ		15	_	5	H	+	+	H	\pm	-	Н	1	+	Н	1	\pm	H	+	+	日		+	Ħ	H	+	F	E			
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* SECTION B SHEETS WITH SUFF!X (A		_		4			أسل		느	لمما			-	-	_	_				_	_	_																						1

SUPPORTING INFORMATION

2A 2A 216.65 NE VEN 1000 CATEGORY DUITMENT DRAWINGS J93016-CH,CJ, 3A 3 A VC 75 LS NC 15 CK,DC,DL ED-92956-10 FD-99435-() 5A 3A 124-67 SEL MR 685 PEB ED-99436-() ED-99437-() ED-99438-() 3A 42467 SFL NB 7A 4A 5268 NC NORM QUIPMENT DESIGN REQT J93016 BAC 4.A 52.68 SD-90472-D1 EYSHEET INFO 98 AM 28 52-68 LE PU

4.24-64 SES BMB 008

APP IA 9-23-70 PUS LCB HW 12B 5B 4-20-71 SAALCS IBAR 5B 4-20-71 SAKILCB

150 60 6-21-73 SAKLCE

APP ID RLS SER ED EC AM APP 28 II-15-74 SAMPLS

188 APP 18 1-24-75 PUSPLS

19AC 7AC 10-1-75 SAK (BD)
EWSSEE
PHGMH4
20B 7AC 2-18-77 P-25 CBD
EWSSEWP

ATETCO STANDARD

EWS SEE 16D 6D 2-12-74 SAK LCE

EWS SEB

NC XES

SHEET INDEX NOTES

WHEN CHANGES ARE MADE IN THIS DRAWING. ONLY THOSE SHEETS AFFECTED WILL BE

THIS SMEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEFT OF THE DRAWING IS REISSUED, OR A NEW

SHEET IS ADDED. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE

SHEET INDEX. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.

5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

NOTICE-NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL.

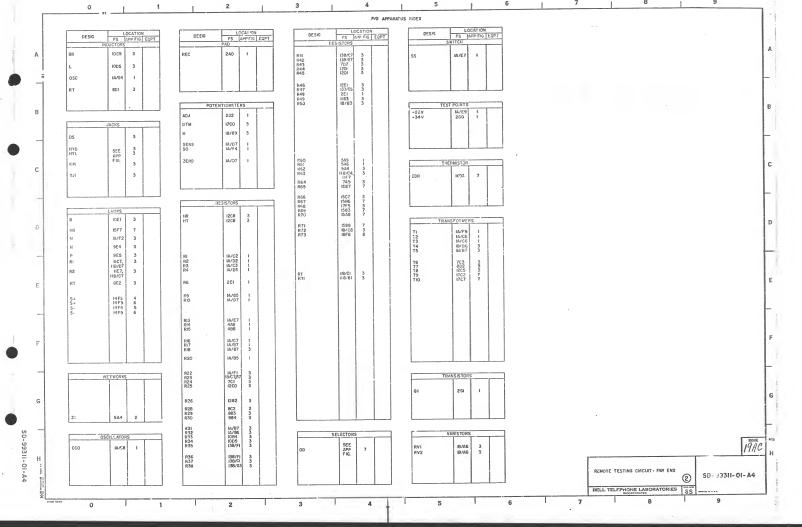
COMMON SYSTEMS REMOTE TESTING CIRCUIT - FAR END FDR STEP-BY-STEP, CROSSBAR NO. 1, CROSSBAR NO. 5, PANEL GR ESS OFFICES

5 -99311-01-AI (TET PER) 82 SHEETS BELL TELEPHONE LABORATORIES 65

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SD-99311-01-A2

DESIG CPS	APP FIG NO SH NO IT PACKS	DESIG	ES AFP FIG EQPT	DES4G	FS APP FIG EOPT	DESIG	FS APP FIG FOPT RELAYS	DESIG LOCATION FS APP FIG EQPT AMPLIFIERS	DESIG LOCATION FS APP FIG EMPT DIOCES	
24V 10 ABC 03 AND 8	3 C5	D DIS OL DLI	13A/05 3 18/62 3 12F8 3 12G8 3	M MA MAR MDF	760 3 1088 3 10FB 3 13A/02 3	S S SL SO SRT	1284 3 12C4 3 13E/C2 3 14/81 1 807 3	AMP IA/C3 I AMPI 1784 7 AMP 2 1704 7	CRI 2FI I CR2 IA/C6 I CR3 IA/D6 I CR4 IA/D9 I CR5 4A8 I	
BIAS AMP 1	1 CI	DP DPI DS DS DSI	12F2 3 12FB 3 12CI 3 12C 2 12M3 3	MDFR MR	13A/82 3 7E5 3	SRTR ST STA STR	8G7 3 IB/D2 3 8F7 3 IB/H3 3	M 707 3	CRB IOE3 3 CR9 7E2 3 7E1 3	
GRP A 3 GRP 8 4 GRP C 5	I CI I CI	ED ED E 1	IA/EI 3 IE33 8 I638 7 I6D4 7	NC NCI NC2 NP	18E8 8 18G2 8 18F2 8 13B/F2 3	+STA +STAR -STA -STAR	8E7 3 8G8 3 8F7 3 8G7 3	BATTERIES RI 14FL 4	CT IB/G2 I IB/G2 I IB/E2 I IB/	
ORI 6 OR2 7 PREAMP 2	I CI	ELL ETK ERT ERTR	15G5 7 16D9 7 16A2 7 16C3 7	NT NTI NT2 PTR	13A/F2 3 15E2 7 13A/F4 1 13A/R2 3	-STAR -T -T -T 10 10	IIDI 3	BI (4FI, 4 i4GI 82 (4FI 4 83 (4F3 5	01 7A9 3 3 02 1183 3 7A8 7 04 768 1683 05 66 882 2 06 862 015 1662 015 1662 3 1862 2 015 1662 3 1862 2 7 015 1862 2 3	application annuinternal projection
RT 9 SO 1 TF 03 TMR CF1	3 C5 1 C1 8 C8 3 C5	ERTS ERY	1503 7 16A5 7	ON ONI ON2	IA/A3 3 IA/63 3 IA/83 3	TF TF:	18C8 8		DIS 16C2 7 18/E2 3	
TMR CFI	3 C5	F FR	9C2 3 9G1 3	P PR PRR	7C4 3 1008 3 10F7 3	TF: TF2 TFR TK	1867 8 1808 B 1808 8	CAPACITORS C2 IA/D8 I IA/D8 I IA/D9 I I	ON 1A/43 3 RT 118/C1	
3WJ 3WOR	FS APP FG EOPT ELAYS ISA/C2 3 ISA/C2 3	G GR GT GT1	7G5 3 7F5 3 4A8 I 5AB I	+R +RR -R	IID1 3 IIG2 3 IIC1 3	TKR.	7E8 3 7F5 3 1:86. 3	C6 7C3 5 C7 1282 3 C8 802 3 C9 802 3	SL 138/C2 1	
60V 60VR	10C8 3 10F8 3	HR	138/FI 7	RC RCCI RCCIR	HD3 3	+TR -TR TRG TS	IIG2 3 IIFI 3 IIC3 3 I3A/C2 3	CII 12C5 3	FILTERS BRF 2Ai I	-
A2 A3 A4 A5	585 2 5C5 2 5D5 2 5D5 2	IN	13A/E2 3 13A/A2 3	RCRM REX REXI	IIHI 3 IIH4 3	TSI TS2 TSR TT TTR	15E2 13A/D4 i 13A/G2 3 13A/F2 3 13A/F2 3	C14	CAF 3AI I	
ANS	IA/AI 3	KIA KIC K2A K2C	5A1 2 5G2 2 5B1 2 5G2 2	REXR REXS	HA1 3 HF5 3	VR VRF	9D2 3 9G2 3	C20 18C3 8 C21 138/04 1 C22 138/24 1		
BI- 4 B5	5E2 2 5FI 2	K3A K3C K4A K4C	581 2 562 2 5C1 2 5G2 2	RG RGR RL RCH ROHI	IIE2 3 11F1 3 1084 3 1262 3 1256 3	XN	1263 3		FUSES +20	1
C1 C2 C3 C4	565 2 565 2 5H5 2 5H5 2	K5A K5C	501 2 509 2	ROH2 ROHD ROHR	1208 3 12C7 1 12G2 3				_46 14F3 5	
CC CCR CN CR	9E2 2 9G2 3 9C6 3 9F2 3	KPI KPI KPR	7C5 3 7C6 3 7E3 3	RT RV RVM RVMR RVR	IIB/CL 3 IIG6 IOE3 3 IOD8 3 IOG7 3 IOF3 3					١
CRR CT CTR	9H2 3 IB/G2 I IB/F2 I	LL LLI LP LRP LRP LSP LS	1489 3 1164 3 1206 3 1068 3 1067 3 13A/A7 9					PEMOTE TES	TING CIRCUIT- FAR END (2) SD-: 93	.II - C



DESI ±130V PO +130V -130V	DWER DISTRIBUTING (ESS) 9F4, 4	CAD	DESIG FAR END TST TF TST FR BY CO COI CT CTG CTI	LCCATION FS CAD	DESIG MDF TEST TR G R S	LOCATION FS CAD UNK CKT ;38/E8 501 138/E8 4E7,501 138/E8 4E7,501 138/E8 4E7,501	DESIG RINGING 9 RILT 60) RIGT 60) T(LT 60) T(LT 60) T(BT 60)	IBAO 1C6 IBAO 1C6 IBAO 1C6 IBAO 1C6	DESIG	DCSN	DESIG LOCATION FS CAD
CC+ CC-		4F1 4G1	DIS EI E(IN) NC R	IB/G0 IC3 IA/E0 4F3 IBFO IE6 IBA9 EE6 IB/B0, IF6, IBFO 4A3 IBFO IF6			R S	138/89 487 138/88 487 138/88 487	TOUCH-TONE FREQUENCY TESY APPLIQUE R 139/88 487 P 139/88 487 S 1138/88 487 S 1138/88 467	REMOTE TESTING MOF TEL AND LOLOSPEAKER CROUT- FAR END G ISB/F8 789	
NO.1 ESS NC	SCANNER APPLIQUE	CKT ID7	TI TI T2 TM	IB/BO, IF6, IBFO 4A3 SFO IF6 I4C2 IFO IB/CO 4F3	MISC CKT FOR M	ISC INT FRAME	TST THE IST SELL	ECTOR(NO-TEST) 138/08 4C7 138/08 4C7	T 158788 487 T 138708 467 TT1 158788 380 TT2 138788 380 Lt. 138788 300 Lt. 1489 300	R ISB/FB 7A9 S ISB/FB 7A9 T ISB/FB 7A9	
FAR END ANS DIS		CKT 2FB 2AB	G LL LLG 2	138/08 5 C I 1489 4 C 7 1489 5 E 6 138/08 4 C 7,40 7, 5 C I 138/08 4 C 7,40 7, 5 C I	LBT	IBCO ID6	Т	138/08 407	LLG 135/88 500 LLG 1489 300		
E E(N) M	ISFO IBFO IA/FO, IBFO	443, ID6 3FB 4A3	T	138/D8 4C7,407, 5C1 138/G8 4D7	TEST VOLTAGE POWE REMOTE TEST VOL	R SUPPLY CKT OR TAGE SUP CKT	R S	138/88 487 138/88 487	TRAYSMISSION FACILITIES E 1A/F0, 7A4	•	
ON ON; R PI RS	18F0	4C3 4E3 4A3, 1G6 G6,7C3 IFO			50V 100V -116 V +116 V +GRO OR -GRD	14F6 3C5 14F6 3C5 14FB 4EI 14FB 4EI 14F6 3E5	TEST TRK &	SELECTOR CKT	R IB/BO, AA7,5AI RI IBFO 7A4 RI IBFO 7C4 T IBFO, AA7,5AI TI IBFO 7A4		
T TI EXTENDED BR/RV	D REM 1ST TRK CON	4A3, IG6 S6,7C3	G LL LLG R	((NON-*10 TEST) 138/88 581 138/88 487 138/88 487 138/88 447,487, 531	RINGING :		R S T	13B/G8 4F7 13B/G8 4F7			
LL/XN LCI LG2 NT/MDI	15E9 15C0 15C0	700 700 700 700 700	S T XN	13B/88 4A7,4B7, 5B1 13B/88 4A7,4B7, 5B1 13B/G9 4A7	AC-DC AUD	8E 0 3G7	EC-	P CKT 12CB 3B2	TOME SUPPLY (SXS) BT2 60 IPM IBBO ID6 LT1 60 IPM BT3 IBBO ID6 LT4 60 IPM BR4 IBBO ID6 LT5 60 IPM BR2 IBBO ID6		
T TS/LS	15E9	700 700 700 700 700			RING 6 SUP + SUP + AUD SUP - SUP - AUD	3H5 3F5	R- ST- T-	12CB 382 12CS 382 12CB 382			
					RING G	8EO 3H7	9			REMOTE TESTING CIRCUIT -	② SD- 19311-01

RATED ON REFERENCE RATED ON REFERENCE RATED ON REFERENCE LOCATION LOCATION LOCATION ISSUE NOTES ISSUE NOTES ISSUE ZG ABMIOB APP FIG I YU STD IGD 134/65 ZH STD IOB APP FIG.1 \$TD 160 APP FIG. I STD 126 109 APP FIG. 3, 7A8, IIE7, HC4 APP FIG. 3, 7A8,IIA/B4 STD 178 882,8C3 YW 4J MD 1940 STD 2A 111 APP FIG. 5 138/07, 1488 APP FIG. 3 YX STD 178 114 8C2, 8C3 STD 15D MD 128 HH2, HH3, HH4 APP FIG. 7 APP FIG. 1.7C3.7D3. APP FiG S, IA/FI, IB/AI, ZL STD:28 1182,1943,1184,1185 881 GM IOC5,I2BI, I2B3,I3 8/CO. STD 15D 18/82, 1865 138/CI,138/DO,138/EI,16D7 ZM STD 128 IIC HES 703 1084 YZ STD ISB HEE 1005,1086,1243, MD ISAC 1281, 12H3, 70 STD ISD IA/E6, I4A2,1482, 138/CI,138/DI,13B/EI, STD 150 APP FIG. 1,3, IA/EI, ZP IA/E6, 786. MU 19AC 116 7CI, 7D6, 7E9 805, 12E0, 13A/C2, CA/E2 IA/E6; 781,86,CI,C3,D6; IC84-6,C5; I2A3, I2BI, I2H7, 38/EL138/C2,14A-84 STD I5D SHEETS 15,16, STD 19AC 138/CI. 138/DI, 138/EI, 1782,1784,1785,1705, STD 8AC MD ISD 17E7 313 18/84 7HI, 788, 7FE, 7G8. STD ISO XC MD 19AC 110 /EI 983,985,9C3,9C5,9D4 I38/E1,138/C2,14A-64 STD 2 IA/84 , IS/FI ZS STD ISD APP FIR 3, 11H4, 1488 XD STD 19AC STOR 903,905,904 ZT STD I5D 769, 1582, IEE 8, 1784, STD 2 8E4, 8E5, 14F4, 14F6 MD 1940 17D5 , 15CC ZU STD ISD IA/H8, 789, IIC 4, IIC 7 STD 2 8E4,855,9E4 APP FIG. 3 (C5); 1582,6; ZV MD 15D APP FIG 3, 7F8 XF STD 19AC STD 68 9E4,9E5 16D8, 1784,17D5 ZW STD ISD APP FIG 3,7F8 STD 68 APP Fig 3,1207,130/06. MD ISD STD 150 STD 68 APP FIG 3,12C7,13B/C6, STD 150 APP FIG. 3. 746, 748 ZY 13E/C7,138/E7,136/F7 XН STD 19AC ISER ZZ MD15D APP FIG 3 APP FIG.3 , IIA/A5,84,86, C4,U3 112 STD 8C APP FIG 3, IB/84, I8/C4 STD 1940 MDI5D YA STD I5D 112 APP FIG 3 APP FIG.3.746.8. APP FIG. 3, 7C2, IIH4, STD 150 IA/EL.IA/EL.IB/AI STD 19AC HA/A4.A5.84.86.D3 STD 98 IIF3, 1488 18/81,18/85,18/05, SH IIB , 139/07, 1488 STD 98 IA/H8,7C2,IIC4,IIC7, AC. STD ISD IA/FI, IA/C5, ISG3, IBC", XK STD 19AC 138/F8 MD I5D 789 18G1, 18H2, :A/R4, 18/69 MD8AC XL STD 194C 138/F8 STD 150 1801,1884 STD 108 XM STD 2D8 APP FIG. 1, 2, 3, 7, 8,9 STD 150 APP FIG 6, 1893 STD IOR 105 APP FIG. 3, 9A5 YE MDI5D 18/88, APP FIG 3 \$TD 108 APP FIG. I, IA/E9 YG STD 150 APP FIG. 3 APP FIG. 3, IA/85,IA/CR YH STD I5D MP 108 784, 7C4, 7DI, 7G9,1982, 312 18/84,18/08 YI. STD (50 18/85, 18/88 APP FIG.3, IA/85,IA/C8, 7C4,7D1,7D2,7G9,I082, STD ISD YJ 312 ST0 108 18/85,18/C5,1B/C8 1002, IOE5 Ak STD ISD APP FIG 8 APP FIG.3, IIC2, IID2, WD108 YL. STD 15D 313 APP FIG 8 I'E2, I!F1, IIF2, IIG1 YM STD 150 313 APP FIG 8 HC2, HD2, HE2, HF1, STDI08 106,107 5N MD 15D APF FIG. 3,8C1,8C2 YD STD I5D APP FIG 3 ΥP STD I5D 880,8A2,8C2 MD 108 ZA 14A5 14B5,14A2,14E1 YC. STD 150 APP FIG. 3, 1287,1207, STD IOB !4A5, I485, I4A2, I481 38/C8.(38/C7.(38/£7.)(38/F7 MD 118 APP FIG. I STD 150 APP FIG. 3,138/06 STD II8 APP FIG. I YS STD I6D APP FIG.9 ZE MD 108 13A/81 ZF STD IOB 13A/81 STD ISD REMOTE TESTING CIRCUIT-FAR END S 9311-01-A6 138/A4,138/B4,138/C4 BELL TELEPHONE LABORATORIES 65 4 5 6

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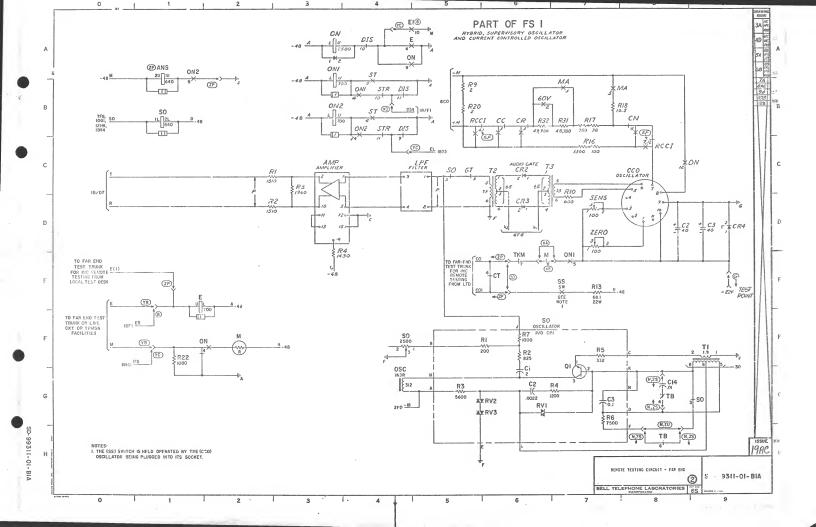
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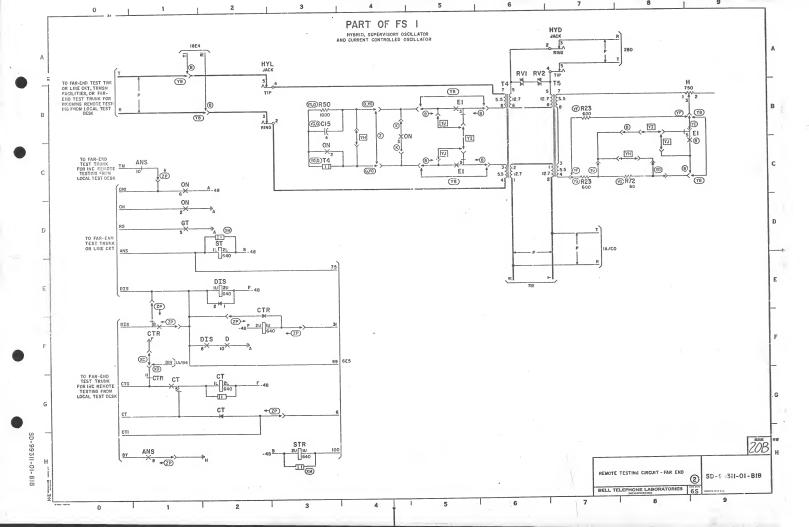
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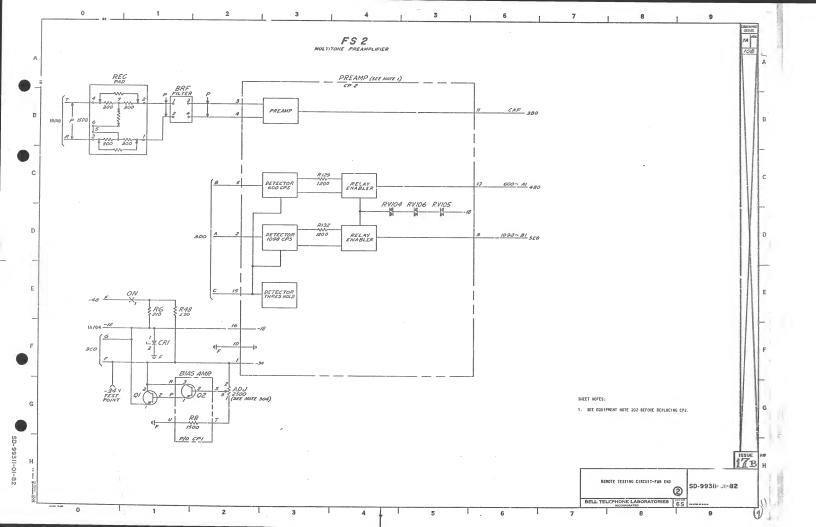
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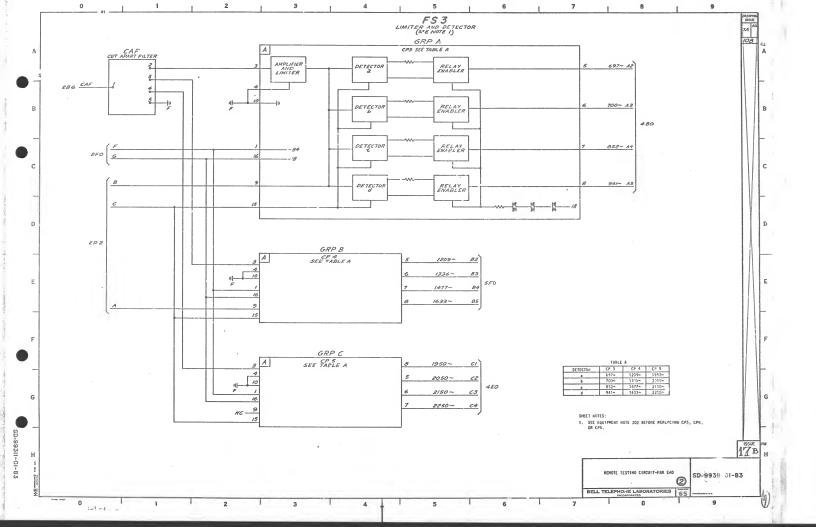
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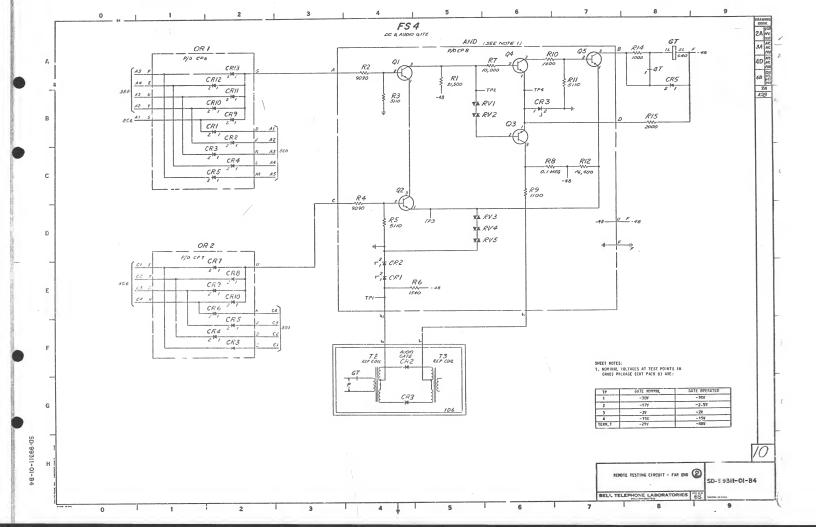
OPTION INDEX

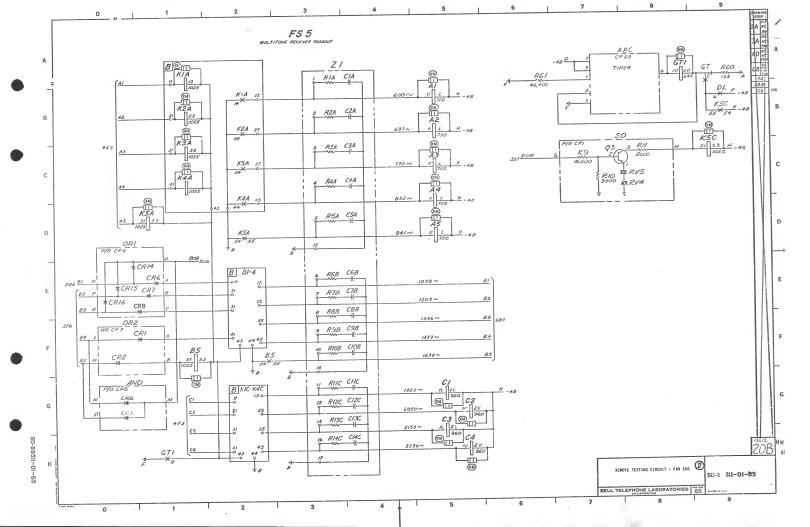


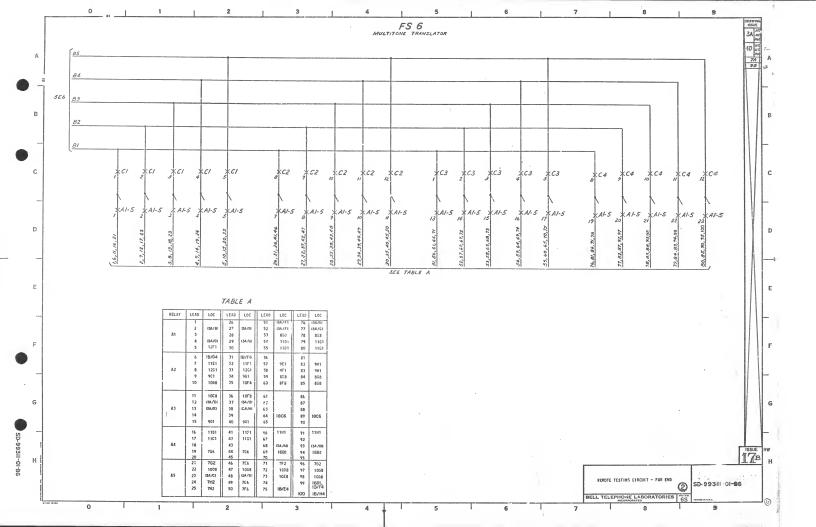


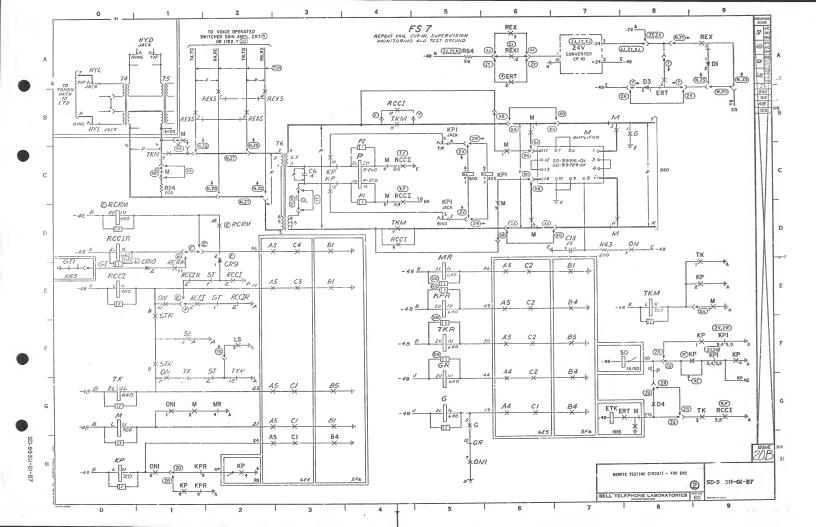


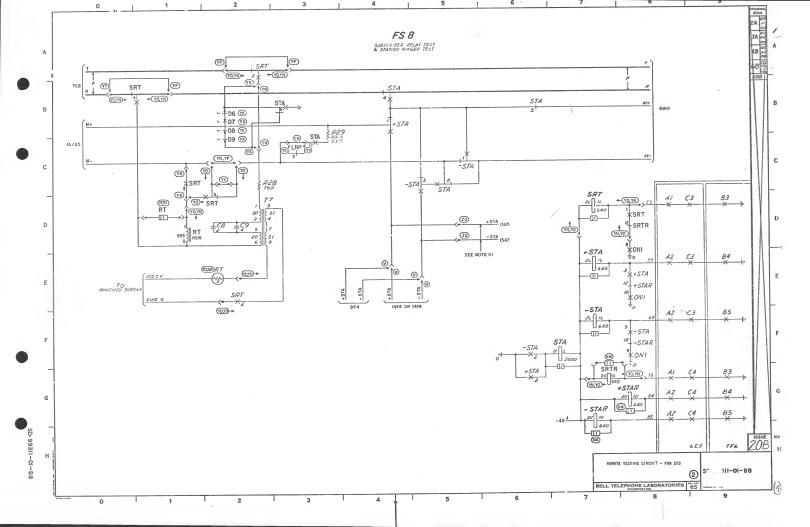


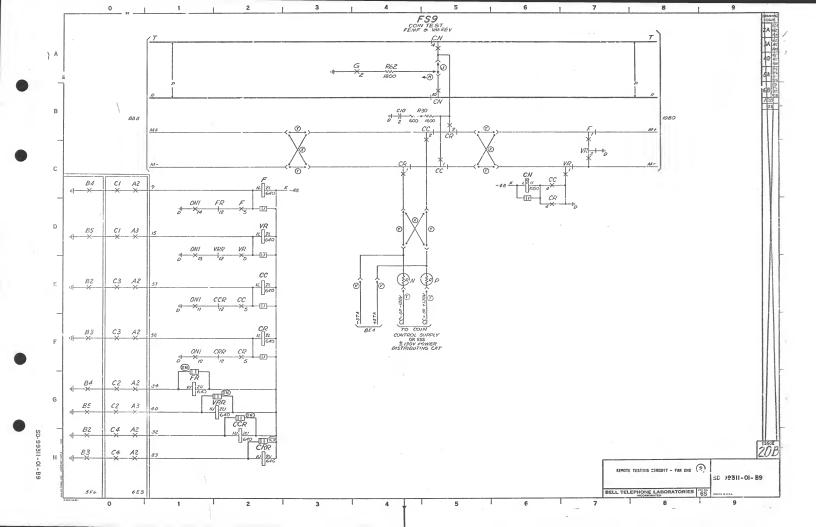


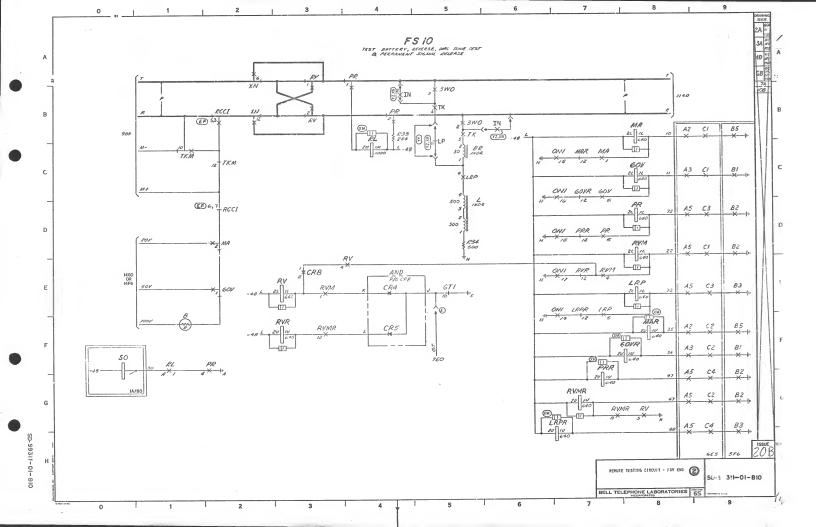


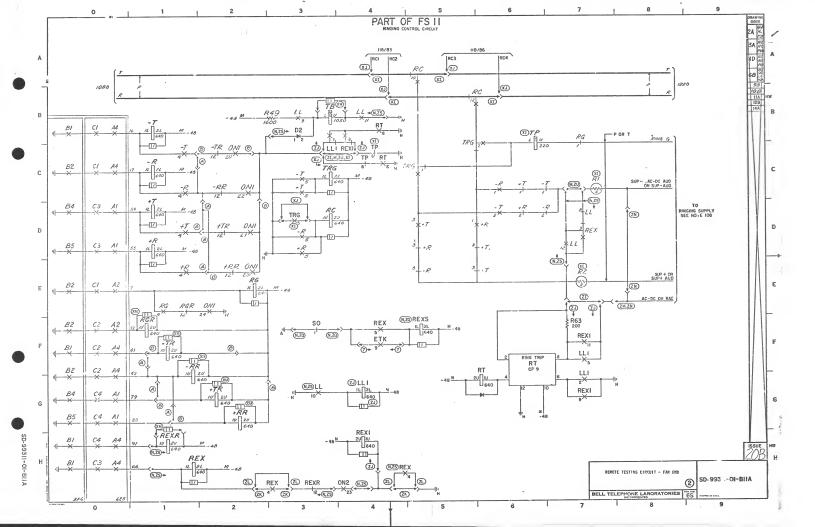


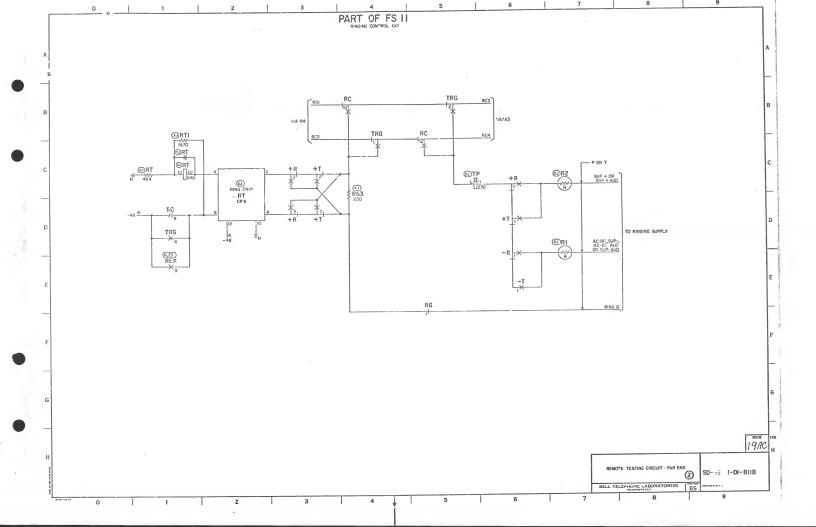


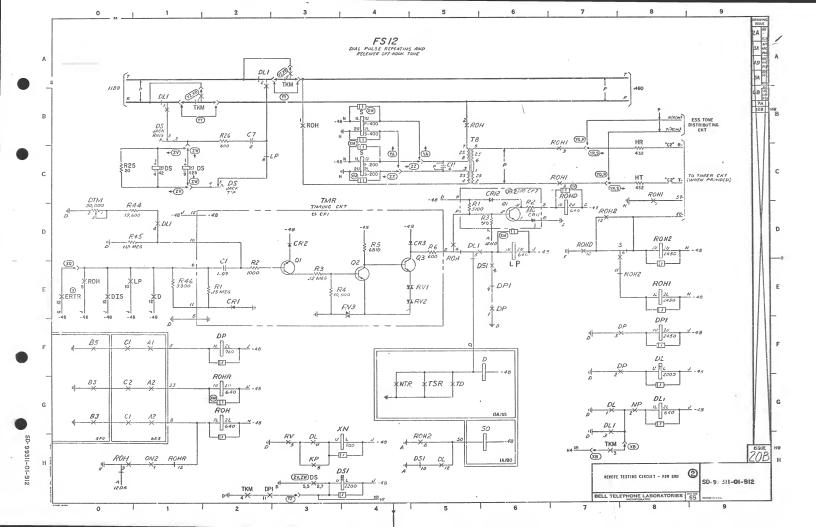


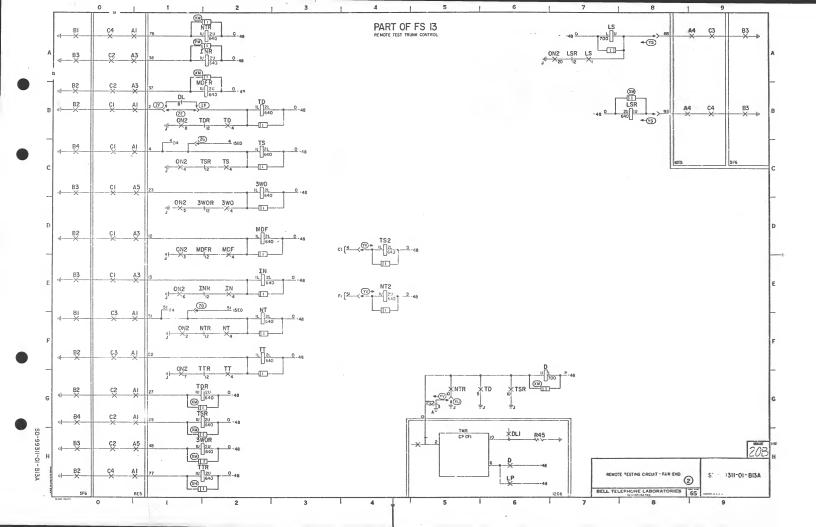


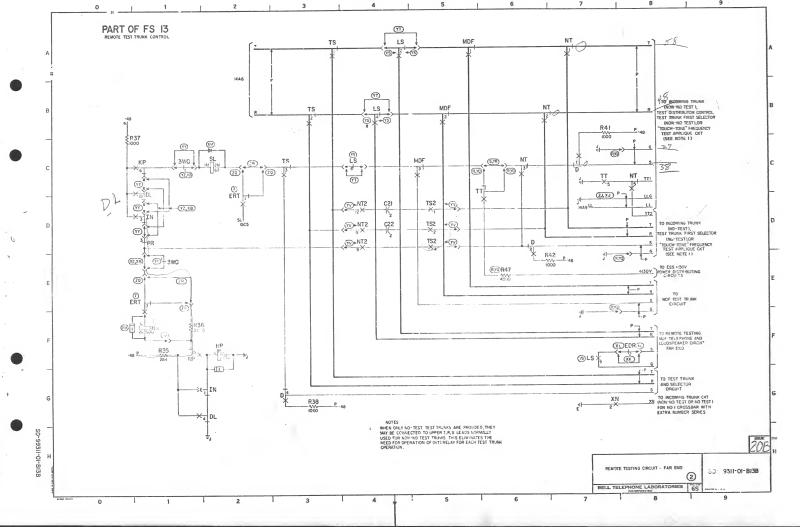


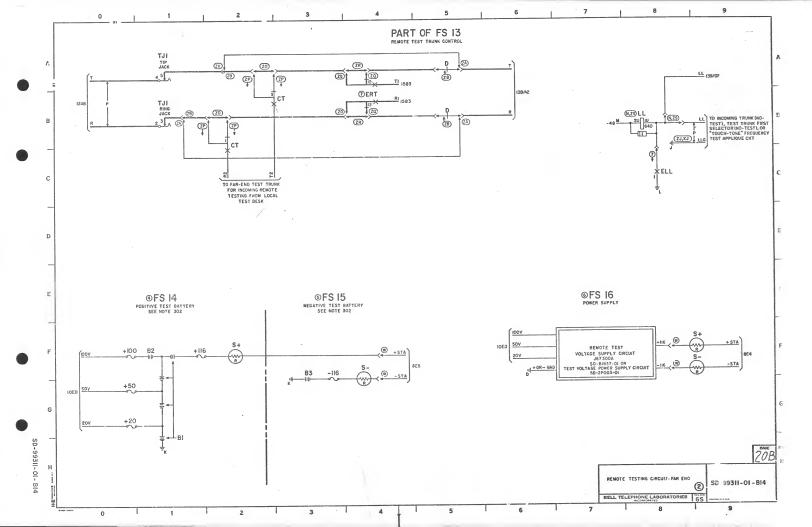


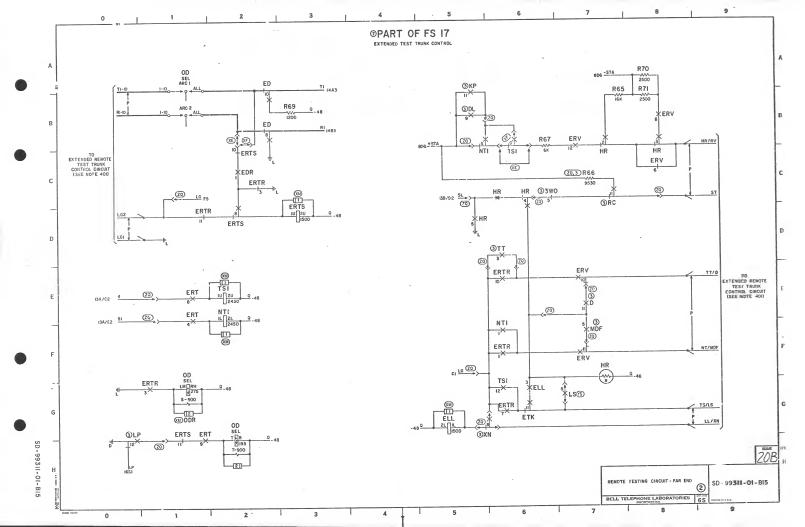


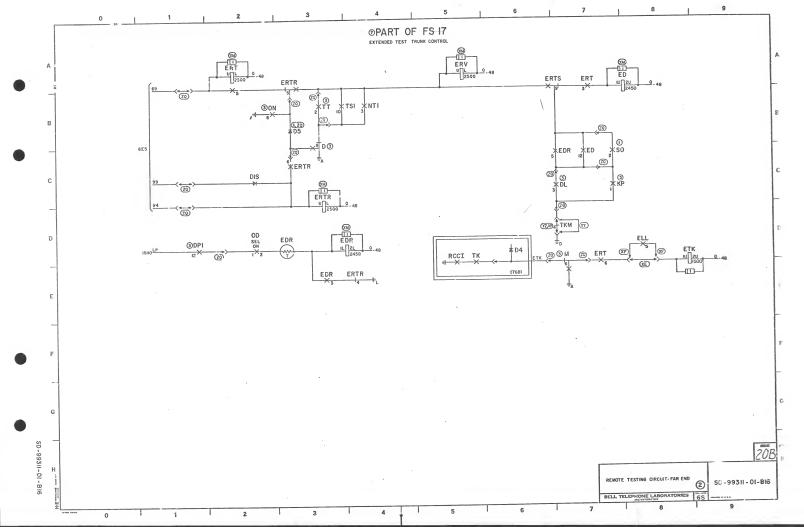


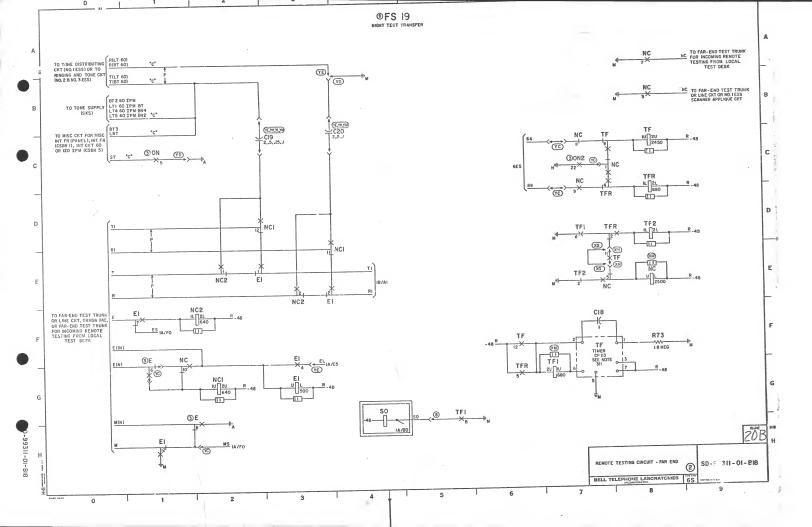


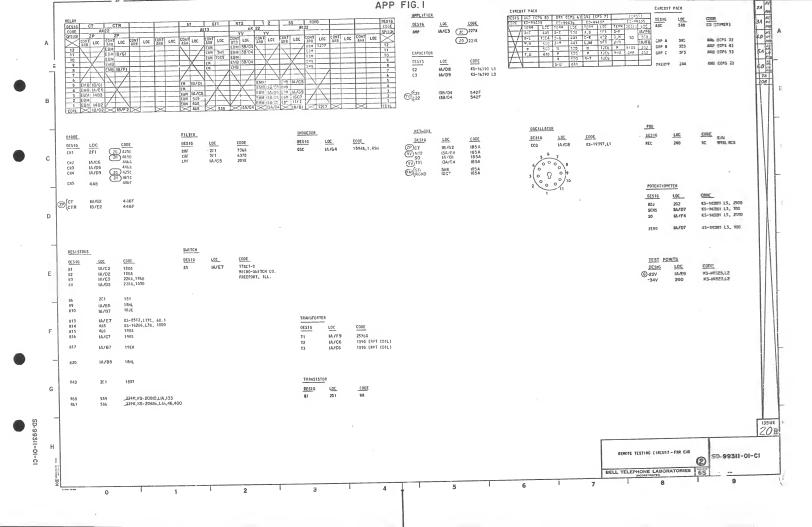


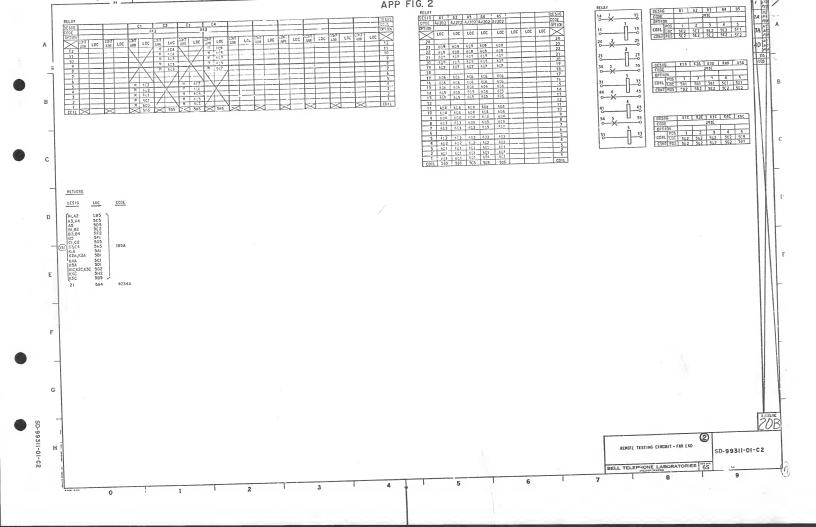


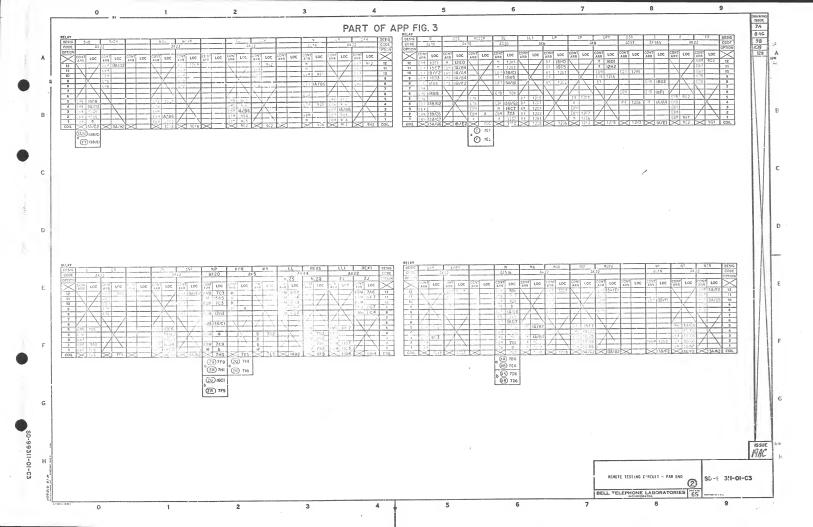


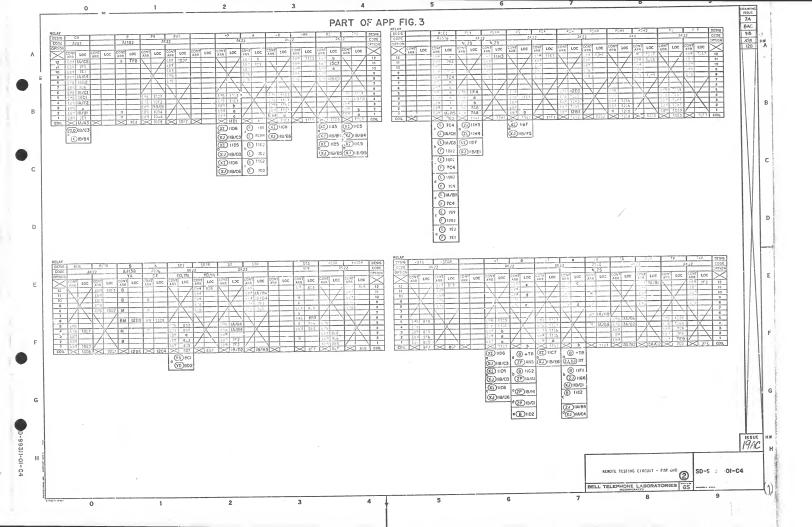


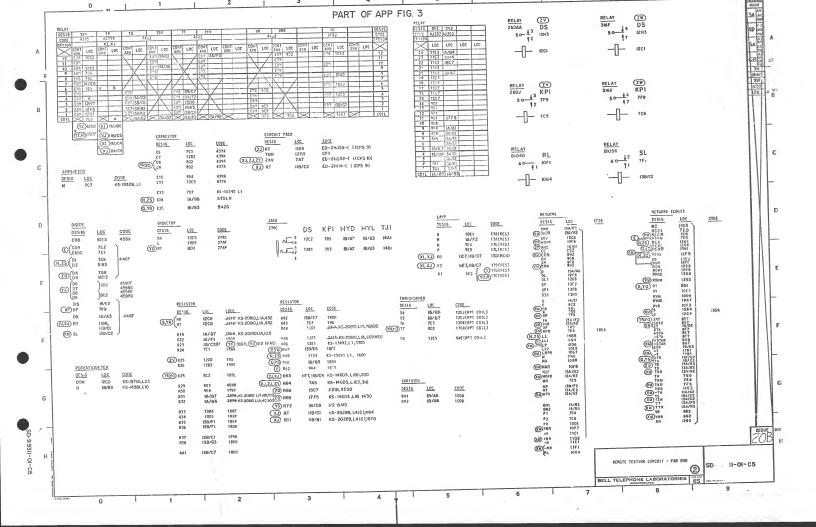


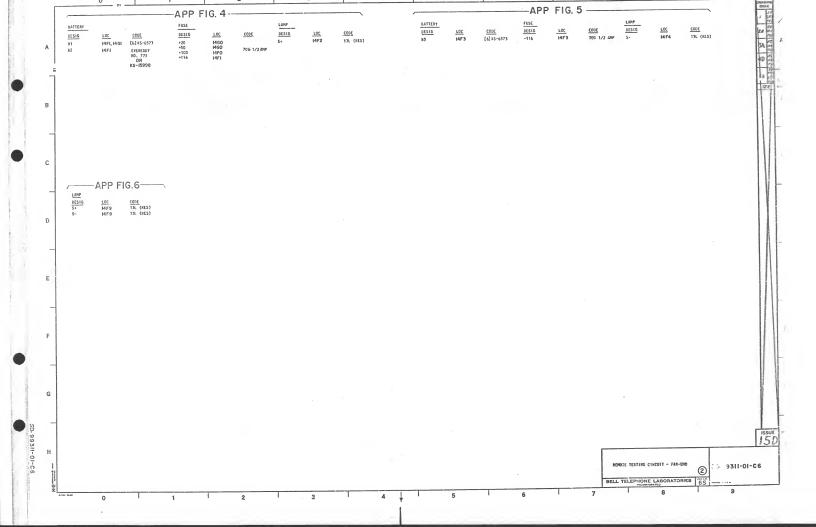










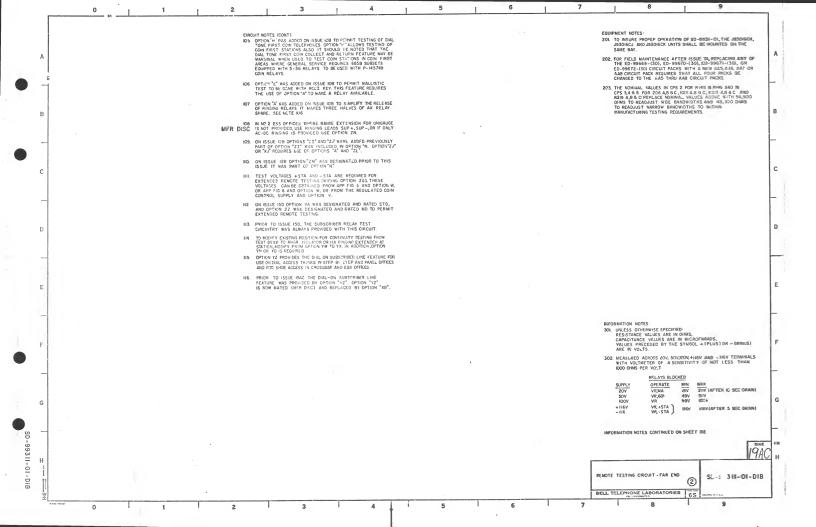


	0 1	1 2	3 4	5 6 7	8 9
			APP FIG	. 7	
•	B B 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	EDR ED ELL BY TY DON' LOC CON	ERY ERV DESG DE	AM C C C C C C C C C	NTI
•	C AMPLIFIER DESIG LOC CODE	DESIG LOC CODE	DIODE 10550 LOG CODE 103 748 446F	LAMP	
	AMP 1 1784 2270 AMP 2 17D4 2270	C17 1708 939A	US /48 4467 1015 MC2 4467 NR 12C6 4467	EDR 160.3	
	E	SEL ECTOR	THERMISTOR	TSI 15E2 185A. TRANSFORMER	
•	RESISTOR CODE CODE RESISTOR RESIST	204c OD	EGR HOS ec	0ES95 LOC CODE, T9 17C2)HeIB (IND COIL)	
	G	1581			\
\$D-99311-01-C7	H	55 1561			REMOTE TESTING CIRCUIT-FAR END SD3 'I-01-C7
7	**************************************	1 2	3 4	5 6 7	BELL TELEPHONE LABORATORIES 65

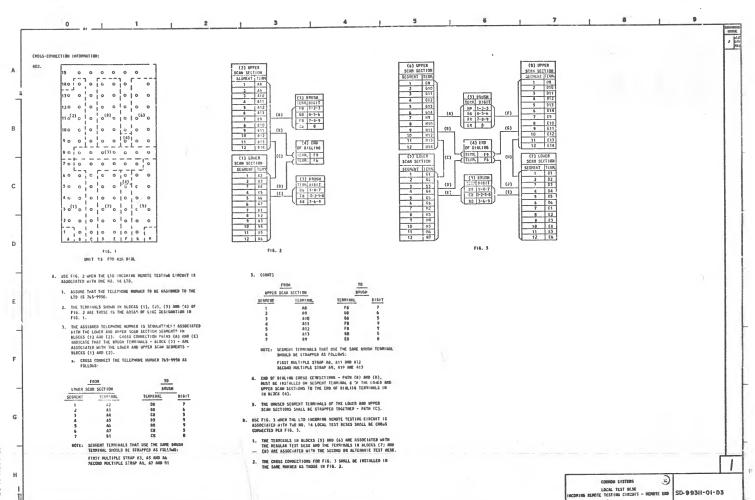
•	APP FIG. 8	
BELLY E1	COM COM	U 107 128 12 12 12 13 13 13 13 13
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	DEST WORKS DEST LOC T: 880.3 TIPM K: 886.8 K: 887.2 TIPT 186.2 TT 2 160.8 TF 8 160.8 TF 8 160.8	RESISTOR 0536 LCC CODE R73 18F8 KS-19150, LI, LIA MEG
SELECT S.S. SPACE LS.P.	19002 1900	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
(S) LS (JAAP) 185A (A) LSR (JAP)8 185A		REMOTE TESTING CIRCUIT - FAR ENC SD-c . 1-01- C8

SD-99311-01-C8

CUIT NO	TEC			CIRCUIT N	NOTES (CONT)		CI	IRCUIT NOTES (CONT)			SIRCUIT NOTES (OF APP FIGUR	ES, WIRING A	ND APPARATUS	S CHANGES	
DESIG	T I	POTENTIAL	ONE FER	102.	FEATURE OR OPTION	APP APP				T	CHANCED	IF JCB TH	S SEE	USE IN C		
A	AMP	101211111	APP FIG. 3		FEATURE ON OFFICE	FIG. WRG	NTITY				ON ISS	DO NOT WA SPECIFY FUE	m l	STD AB	M MD	
В	1	-4B SIG		RE	EMOTE TEST CIRCUIT		R CKT				68		102 APF	FIG 6	-	
C*			APP FIG. I		TUBE REGULATI	ED					00	R S	102	S,R		
E #	-	-4B TALK	APP FIG. 3		STATION SUPPLY	is! I " I	1		1		8AC	Q CR K KE	z 1102	Q,Z	×	
G*	1		APP FIG. 2	vo	TEST B RINGING 116-120V		R CKT				98	H OR J JOR		M,N H,J		
H	1-i/3		APP FIG. 2		FROM CONNECTION				,			G NO	VE S	G		
K					TO TEST TURE TY	PE			\			EOR F F	106	E A	8	
M	1	-4B SIG	APP FIG. 3		SUPPLY RINGING	1 1 " 1					108	ZA OR ZB Z ZC OR ZD Z	A	ZB ZD	ZA	
N O	7				REQUIRE							ZE OR ZF 2	E	ZF	ZE	
P			APP FIG. 7		PERATION REQUIRED	YO						ZG OR ZH Z		ZH Z	5	
· R			APP FIG. B	1	OFFICE NOT REQUIRED	YR N.ZT.			į			ZI ON ZU NO	NE I	ZL ZL	ZK	
					RANGE NO. 5 CSBR OFFICE	N,ZI, ZM,ZR, XI,XK					128	ZM	OF 102,	M, ZN		
i				E	EXTEN- ION FOR OFFICE	N, ZR,				1/1		ZO OR ZP			-	
				UN	NIGAUGE (SEE NOTE 109)	XJ,	1	1			1	APP FIG 7 NO	NE 102 A	PP FIG. 7		
				R	REMOTE NOT NO. 2 ESS OF	FICE		i			1	70 OR 7R OF	8 N ZR 102,	ZQ,ZR		
-	1	-72 TALK	APP FIG. 3	TI	REMOTE NOT NO. 2 ESS OF REQUIRED SEE NOTE KIRCH ALL OTHER OFF	ICES ZNZRZT		i	1			- AL	ONE		-	
A	I-1/3	-72 IALK	ATT TICE		SOME OF THE STATIONS ARE							ZS N	ONE TOE	zs	_	
					DIAL TONE FIL	PST						ZT OR ZU N	JME	TT, ZU	M M	
	I/2 HV	SUP-, AC-DC AUD	APP FIG. 3		COIN REQUIRED ALL STATION	ST '.''						ZV OR ZW ZZ GR YA	ZV 112	ZW YA	ZV	
	1/2 HV		APP FIG 3	TE	POSITIVE COLL ALL STATION	ECI					15D	ZY OR ZX ZJ	OR ZI IC2	ZX,ZY		
	1/2 HV	105 ±V RINGING	APP FIG. 3 (S OPTION) APP FIG. 3 (R OPTION)	1	ARE COIN FIR	ST '.^.			ł			YB CR YC.	Y3 102	YB,YC, APP FIG.8		
	1/2 HV	SUP+ OR SUP+	APP FIG. 3		NOT REQUIRED	Y						YH, YI, N	ONE 02,	iv,Iv,Hy		
-	-	100		II	INCOMING REQUIRED TEST CALL NOT REQUIRED	XD,ZP ZO						YD, YE, YK,	ONE 314	YD,YE,YK, YL,YM		
cc-	1/2 HV	CC-	APP FIG. 3 (T OPTION)	i i		77.70			1			TL OR THE Y	F8.2		Q,Z,YF	1
CC+	1/2 HV	CC+	APP FIG. 3 (1 OF HOW)		WITH NO.5 CSBR OF	FICE ZM,ZS, XF,XI, XL							OR 313	YG		
					RANGE EXTEN-	1 1 1	SED CKT					YN, YO .	m 102,	YO,YP	YN	
	1	1	.	E	EXTENDED SION FOR UNIGAUGE NO.2 ESS OFFI	CE 7 XL SE	E NOTE						OR \$ 102	YQ,YR	R,S	1
	İ	1	i	ļi	REMOTE UNIGAUGE NO.2 ESS OFFI	_	11,112				16D		YT 102	YS,YT		1
A			APP FIG.1,3		RANGE OFFICE	I IXL I					16D		YU 114	YV,UY		1
B	*	-	APF FIG. 2 APP FIG. I		SION FOR ALL OTHER OFFICES	ZQ, ZU, ZY, XF,					17B IBB	YY OR YZ	YY 115	YZ	YY	1
D		7	APP FIG. 3	-	NON-DEDICAT	TED						XA OR XB Y	1 ORYZ 1/6	XB XĐ	YZ,XA XC	-
F	*	GRD	APP FIG. I		FACILITIES F							XE OR XF Z	Q,XE 102	XF	XE XG	1
G H		4 """	APP FIG. I		PROVIDED OFFICES AND DEDICATED	XH,YC,					Jael	XG OR XH Y	T 7.1 102	XH XI. XJ	ZJ.ZN	1
J		7	APP FIG. 3 APP FIG. 4 OR 5		NIGHT (SEE NOTE DAY & NIGHT						1340	ZJ,ZN O	R ZN 109	XK,XL		-
L		1	APP FIG. 7		COVERAGE DEDICATED D	AY A B					i	1 1	NONE			1
M	-	-	APP FIG. B		NON-DEDICA	TED ~","					208	XM	NONE 102	MX		1
					NOT NON-DEDICA	TED YB					1	l i				1
					PROVIDED FACILITIES AND DEDICATE USING DEDICATE									l i		
					USING DEDICATED FACILITIES SUBSCRIBER REL TST OR CONT REQU			103.	NETWORK VALUES				-			1
					TST TO RNGR ISOLATOR OR IIA RNG EXTENDER(SEE NOTE 104,114) NOT	REGO YP,YW		NETWORK NO.	RESISTANCE IN OHMS	CAPAC!TANCE IN UF						
* 1	BATTERY	LEADS SHALL BE	PAIRED WITH THEIR	1 1	MOF TELEPHONE AND REQUIRED LOUDSPEAKER NOT REQU	S YS		1	470	0.11		NOTES CONT	INUED ON SH	EET DIB.		, L
'	INDIVIDUA	L GROUND LEADS	TO THE FUSE PANEL.		PERMANENT SIGNAL REQUIRE			Z (14 NETWORKS) 2	150	0.5	CIRCUI	HUIES CUN				12
		RY SYMBOL	VOLTAGE RANGE		HOLDING TRUNK						_					14
		-4B -72	-42,75 TO - 52.5 -66 TO -75		(CROSSBAR ONLY) NOT REQU											
		CC+	-115 TO -125 +115 TO +135		WHEN MOUNTED IN A NO. 3 ESS OFFI	~ ^M		1			PEMO	TE TESTING	CIRCUIT - FAF	R END	SD-99	11-01-1
											1					
_				ا ر	* NONRECORD OPTION						BELL	TELEPHON	LABORAT	ORIES 6	5	

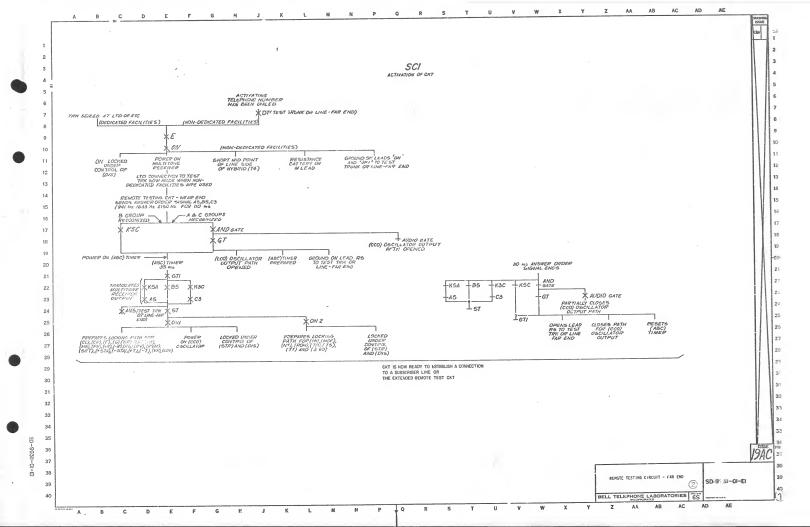


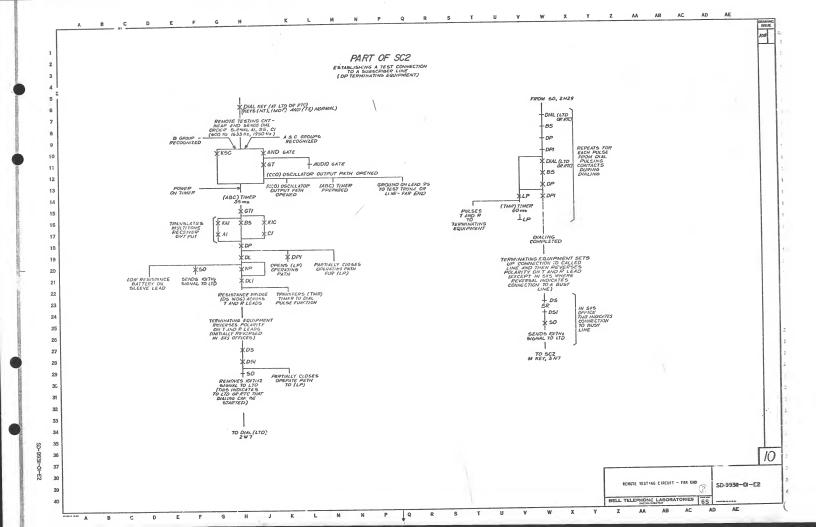
Part		0 1 1 2	3 4 5	6 7 8 9
The content of the		**		TRANSMISSION TEST REQUIREMENTS SOME (INV. LOSS BETWEEN 600 CHMM TERMINATIONS) [VC]
Part		INFORMATION NOTES. CONTINUED		B MAXIMUM ALLOMABLE CAT LOSS(dBT) 34 AC
As - 2, - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	В -	TEM REG	TERN REG	TO F OS SEA STORY TO SEA STORY
99. The 3-M WITTS SCRIBLE AT BOURST BUTTER TO (AD) PRESENTATION OF THE STATE OF THE	D	#a-, a-, NO C- REFER TO TRANSLATOR RELAYS AND ESSOCIATED OPERATING LEADS. THE CORRESPONDING PROQUENCIES ARE: ### 400- 8" = 1008- Ct = 1950- 82 = 49- 82 = 1208- Ct = 2009- 83 = 770- 83 = 1334- Ct = 2150- 84 = 852- 84 = 1477- Ct = 2250- 94 = 852- 852- 85 = 1477- Ct = 2250- 95 = 150- 150- 150- 150- 150- 150- 150- 150-	PORMATION NOTES (CONT) II. THE TIMNO CYCLE OF THE (TF) TIMER MAY BE CHECKED USING A WATCH BY MANUALLY OPERATING (TF) RELAY AND (BSERVING THAT (TF)) RELAY OPERATE AS APPROXIMATELY 2TO 3 SECONDS. II. OPPICE USE RECORDS NEED NOT BE AMMERIANDE OFR YH, YI B	CROSS CONNECTION INFORMATION NOTES: 401. PAIRED, LEADS, LIGH-LCQ, ST-HRE/RY, TT/TD-HT/MOD, ST/MOTE-LT/W REE MULT/PLE, TO A MAXAMIM
ON DEDICATED AND A BOWLE SERVICE, PROVIDE COLIT TO RESSES - 600 REGAMENT SIN OFFICE 150 PARTER 150	Е	304. THE -34 VOLTS SIGULD BE ADJUSTED WITH THE (ADJ) POTENTIONETER TO -34.0 ±0.1 VOLTS. 305. TO PAJUST GAIN OF (AMP) AMPLIFIER AND LEVEL OF (SC) OSCILLATOR	2 & 3 WHEN NON-DEDICATED FACILITIES WERE USED, WHILE OPTION 2 WAS PROVIDED WHEN DEDICATED FACILITIES WERE USED, ON ISSUE 150, OPTIONS Q AND 2 WERE RATED MFR DISC. AND REPLACED BY OPTION YG	
300. TO AUGUST (CON DECLLATOR CONCET TO A METER TO (1911) JACE. PROPRIET CONCETT TO A METER TO (1911) JACE. PROPRIET CONCETT TO A METER TO (1911) JACE. PROPRIET CONCETT TO A METER TO (1911) JACE. PROPRIET CONCETT TO A METER TO (1911) JACE. STORY OF THE SECRET TO A METER TO (1911) JACE. STORY OF THE SECRET TO A METER TO (1911) JACE. STORY OF THE SECRET TO (1911) JACE. STO	_	VACUUM TUBE YOLTMETER ACRDSS IT INTO (HYL) JACK. ADJUST AMP GAIN TO MEASURE -6 DBM (480M) RMS). OPERATE (SO) RELAY AND	OR DEDICATED DAY & NON-DEDICATED NIGHT SERVICE, PROVIDE BUSY TONE AS FOLLOWS:	
(1) JACK. CONTECT WOO ONES AND VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VACUUM TUSE VIRENTE INTO (INT.) JACK. CONTECT WOO ONE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM TUSE VACUUM	F	306. TO ADJUST (CCO) OSCILLATOR CONNECT 72A METER TO (MYL) JACK, OFRENTE TON) AND (CRT) PELAYS, ADJUST ZERO POTENTIONETES TO INDICATE TIOD 11 NC. OPERATE RELATIVE AND ADJUST SERSON POTENTIONET ON THE CONTROL OF THE TOTAL OF TH	FSS SXS NON-PRECISE TONE SXS PRECISE TONE YL CSSR NON-PRECISE TONE Y, YO, W CSSR PECCISE TONE YO, W CSSR PECCISE TONE YO, VK	F
HOSET SO OPEN SITH VECTOR PTO VOLUMETE NTO (MP) JACK. OFFRATE (MD, VOIL) 100 (157) **25. AUDUS (10 (1970) PERTURDER PTO (MP) JACK. OFFRATE (MD, VOIL) **300 (157) **400 (157	-	(TJI) JACK. CONNECT 900 OHMS AND VACUUM TUSE VOLTMETER INTO (HYL) JACK. OPERATE (ON). (GH) AND (TF) RELAYS AND ADJOX 72A S:GMAL LEVEL SO THAT VOLTMETER READS - DOM. OPERATE (H) RELAY.		
OF THE PROCESS THE COLLITION AND SOLD RELIFES. THE TAX BETTER SHOURD READ DOTA 1 HE, I FAN DIT IT CAN BE ADMITTED THE SLUG OF TRANSFORMER (11). 300. TO ADJUST THE CANN OF THE 2- WAX AMPLIFIER (FSB), COMMENT A 724 OSCILLATOR INTO JACK (1911), CONNECT A VACUUM TUBE VOLTMETER WITH SOLD ONES IN PRANKELLE, AT THE CITY JACK. OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, JACK (1911), ADJUST THE OSCILLAR OFFERRE RELAYS DOX, JONEY, J	G	INSERT 600 OFTS WITH VACUUM TIBE VOLTMETER INTO (HYD) JACK. OPERATE (ON), (ONI) AND (SO'P" AYE. ADJUST (H) POTENTIOMETER		
CONTROL SO THAT THE UNIT SECTION SETS AND SETS A		(HY1) JACK, OPERATE (UN), (ON1) AND (SO) RELAYS. THE 72A METER SHOULD READ 1017 21 MZ. IF NOT IT CAN BE ADJUSTED BY MARYING THE SLUG OF TRANSFORMER (11).		
		VOLTWITER, WITH 900 OHMS W PARALLE, AT THE (TIJ) JACK. OPERATE RELAYS (ONLOWE) AND (VIKA)AD DAUST THE OSCIL- LATOR SO THAT THE VOLTWITER READS-50BM, OPERATE RELAY (PEX)AND ADJUST (ARP2) FOR A METER READING OF DOBM. REVERSE THE CSCILLATOR AND WETFR, AND REPEAT THE ABOVE PROCEDURE ADJUSTED AND 1819 LEPERAT WITH BOTH AMPLIFIERS.		AEMOTE TESTING CHROUT - FAR END (2) SD-9-33 -CI-D2
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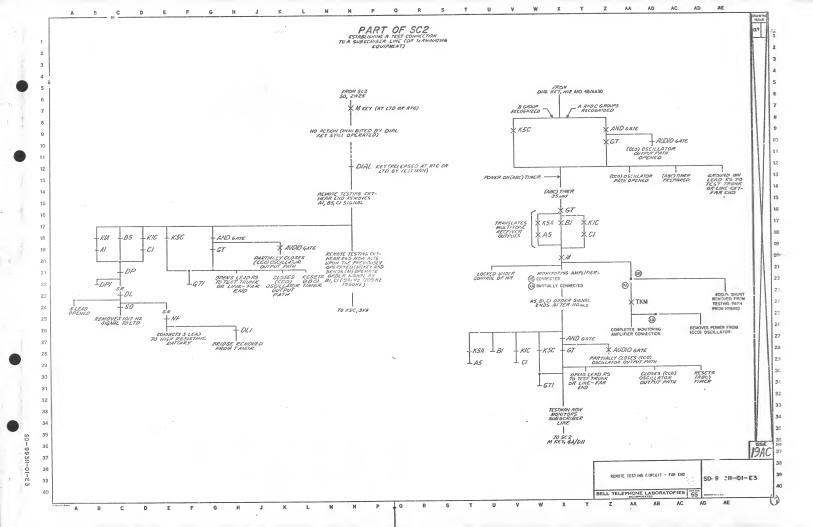


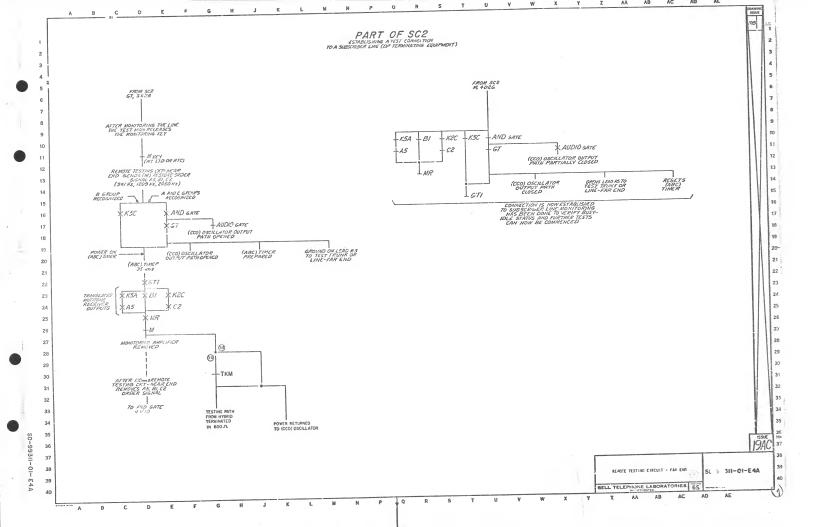
BELL TELEPHONE LABORATORIES 65

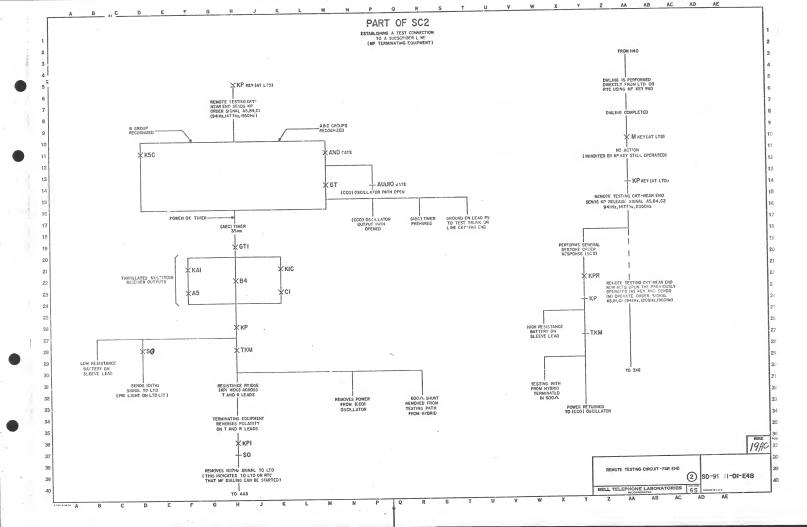
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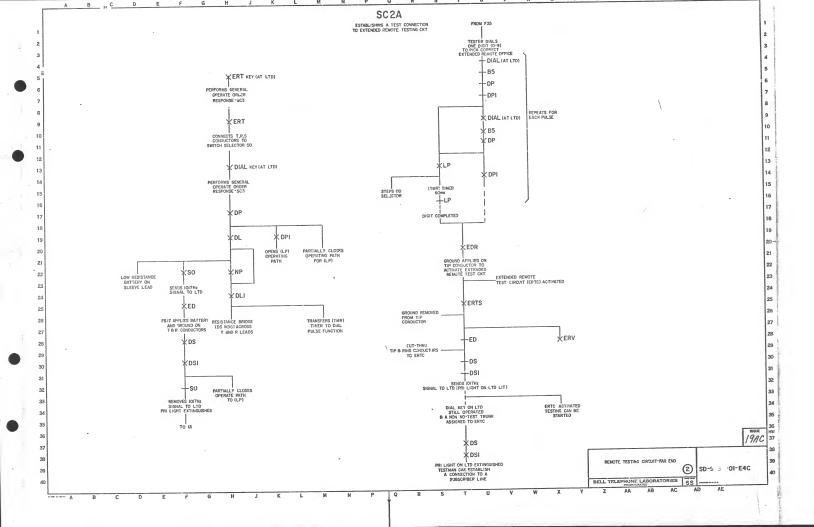


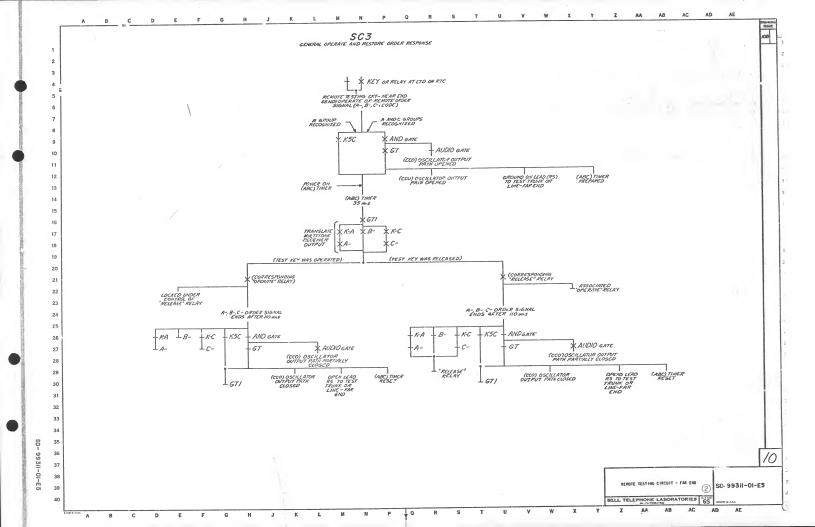


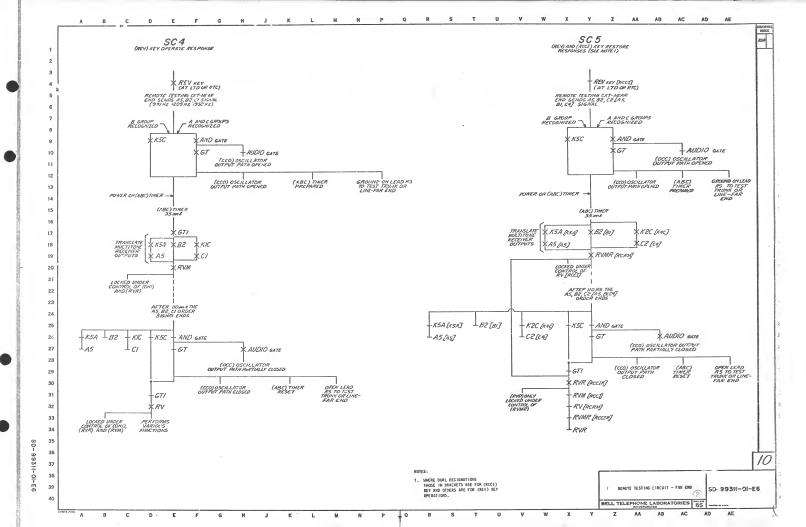


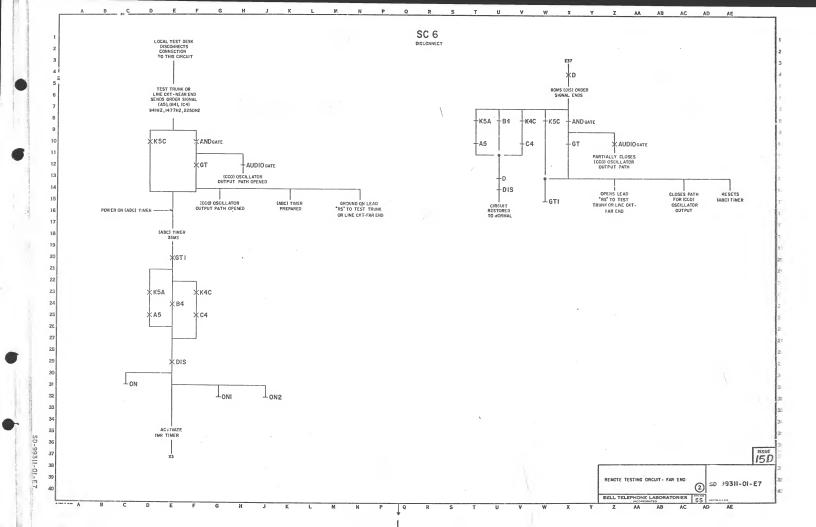












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	1/24K2		2	1					11(02)	GRD			0			11.5	MOUNTED WITH (C1)	1
-	1/25K2		2	-					10(03)	GRD			0				MOUNTED WITH (C4)	
- 1		_	2													11.5		
C4	1/2482		2	1					1L(C4)	GRD			0		12.1	11.5	MOUNTED WITH (C3)	
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G	1/2AKEE		3	1 216	1				IL (G)	GRD	-	1	0	-	27.5	26	MOUNTED WITH (GR)	1
	1/2AK22		3	216	T				IU (GR)	GRD			0	1	27.5	26	MOUNTED WITH (G)	1
		-	Ť	203	-	-			IL(GT)	GRD			0	1	24.5		MOUNTED WITH (GTI)	1
	1/2AK13			203					IU(GT1)	GRD			0		24 \$	23	MOUNTED WITH 'GT)	

1. WITH CORD IN (US) JACK.
2. ARMATURE BACK TENSION MIN 20 GRAM READJUST; 15 GRAM TEST.

REMOTE TESTING CIRCUIT - FAR END



15D

BELL TELEPHONE LABORATORIES 65

CIRCUIT REQUIREMENTS

IOG(NP), IB(3WO) 2L(HR) IL(HR) B/G 3

CIRCUIT PREPARATION

BLOCK

INSULATE

BSP CONT ARM. FIG. PRES TRVL

REMARKS

13.2 12.5 MOUNTED WITH (ERTS)

-	PPARAT	rus.		9450	H REQT			IT PREPARATH	ON .	TEST	SEE !		CT CUI	REME IF	LOW R	EQT		1
ESIG	CODE		FIG	BSP	CONT	ARM	BLOCK	TEST CL	IP DATA	SET	TEST		TEST	SCARE	TEST	READJ	REMARKS	ŧ
2516	CODE	OPT.	110	FIG.	PRES	TRVL	OR IMSULATE	CONN BAT.	COMM GND	PREP	NOTE	WDG	FUR		IN A			4
М	AJ516	-	3	299					U(M)	GRO			0		40.1	39		-
		_	_		-	\vdash				-					-			
-		-	-		-	-												1
MA	1/2AK22		3	216	1	i			1L(#A)	GRO			0		27.3	26	MOUNTED WITH (MAR)	J
-			3						1U(MAR)	GRO			0		27 5	26	MOUNTED WITH (MA)	4
MAR	1/2AK22		,	216	-	-			10(100.0)	GNU					-			
		-	+		1													1
		\equiv								GRO		_	0		27.5	34	HOUNTED WITH (MOFR)	-
MOF	1/24K22	1	3	216		-			1L(MOF)	GRU		-	U		20., 2	-610	PROPERTY ALLE COUNTY	۲
MULE	1/2AK2	-	3	216		-			1U(MDFR)	GRO	_		0		27.5	26	MOUNTED WITH (MDF)	1
-	17 Linker	-	_		1										1			4
										-								4
MD	1/2AK5	⊢	3	4	-	1-1			1L(MR)	GRO			0	-	15.8	15	MOUNTED WITH (KPR)	-
-nn	17 ZHN3	-	-		 	1			100	-								
													-	-	17.0	10.5		4
NC	1/2AX22	-	8	249	-	-	28 (TF2)	-	I (NCI)	GRD			0	-	27.5	12 6	MOUNTED WITH (NCS)	-
NC1	1/24X22		8	216	-	1-		-	IL (NC2)		_		0		27.5	26	MOUNTED WITH (NCI)	_
1706	e snee	+	+~+	2.0														_
								1000			-1	-	0	-	21	20	-	-
NP	AG19	+	3	4058	+			L(NP)	·	BAT,		-	Н	-	2.0			_
		<u> </u>	-+-		-						-		R		1.0	1.8		
		L			1								1	_	-			_
					1	1				-		-		-	1-			-
hт	1/2452	+	3	216	-	-			1L(NT)	GRO	-		0		27.5	26	CSIN) HITH CHINCH	_
4TI	1/24F2	-	7	202	-	1			IL (NTI)	GRU			0		11 9	i1.3	MOUNTED WITH (TSI)	_
NT2	1/2AK2	2 YV	1	216					IU(NT2)	GKO	-	-	0	-	27.5	26	TYPE THE METHOD (TYPE)	-
NIR	NS VKS		3	216	-	1			JU(NTR)	GRD			G	-	1275	100	MOUNTED WITHING	-
		+	-		+	-		1		1	_				1			_
_		L			1			T					-	-	1	1		_
_	-	F	H		-	-		-		-	-	+	+	-	3		 	-
	-	-	-		+			+	 	-		 	-	-	1		+	_
		+	-		+-	1									1 -		1	_
_			-						n(on)	GRO	-	-	0		193.2	12.4		-
ON	AJ83	-	3	249	-	+		-	n(on)	UKU.		+-	_	-	1	1		_
ON1	AJ202	1	3	500	+	+			U(0N1)	GRO			0		42	40.5	5	_
	1	1							1	-	-	-	0	-	42	40.5		-
0112	#J2C2	-	3	500	+-	+			U(0112)	GRO	-		10	-	1 42	1 40.3		-
	-	+	+		+-	+		-	<u> </u>	1		1	L		1			Ξ
		+	1											-	4-			_
		1			1	1					-	+	+-		1-	-	-	-
	-	+	+-+	_		+-		 	+	1	1							_
	1	+				1								-	1	-		-
						-	100000	10(P)	2L(P)		1 2 2	P/S	0	1	14.7	14	-	-
P	AJ102	4	3	75	-	+	(RCC1) 0	10(7)	26(7)	Pi	4,3	1 7/3	R	1	5.1			_
	-	+	+-+	-	1	+					1	1				-		_
_		T								-	1	-	-		1-	-	-	-
			1.1	-		+-		-	1L(PR)	GRD	1-	-	0	 	27.5	26	MOUNTED WITH (PRR)	Ì
PR	1/24K2	-	3	2:6	-		-	+		T	T	+			1	1		
PRR	11/2AK2	2	3	216					1U(PRR)	GRO	-		D		27.5	26	HOUNTED WITH (PR)	_
	1	1		-	1	-		1		1	1	-	+-	1-	1	1-	-	-
		+	+	_	-	+		-	-	+-	+	1	1		1	1		_
-	-	+-	+	-+	+-	+-	-	1					T	I		1		_
	1	I							-	F	-	-	1	-	1	-		-
	1	I.								1					4	-		-
TE	ST NOTES																	
			ACK TE	USTON MINIS	nm 45	GRAMS	READJUST, 40	GRAMS										

3. P/S PRIMARY AND SECONDARY IN SERIES ALDING.

REMOTE TESTING CIRCUIT - FER 1980 BELL TELEPHONE LABORATORIES 6S

SD-99311-01-F2

(2)

ISSUE IGD

APPARATUS

				QUIREMENTS					ERAWING ISSUE
PARATUS	MECH REQT		RCUIT PREPARATE	LIP DATA SE	ST SEE -	DIRECT JEREN	T "LOW REQT	SENARES	/ 開
DE OPT. FIG.	BSP CONT FIG. PRES	TRVL INSULATE	CONN BAT.	CONN GRD PR	EP NOTE	WDG FOR MA	MA MA	*******	100
K22 3	216			1L(+R) 67	20	0	27.5 26	MOUNTED WITH (+RR)	1 1/549
K22 3	216			1L(-R) G	AD .	0	27.5 26	MOUNTED WITH (-RR)	3A 14
									1 1/20
			-		\pm				AD AT
K22 B 3	216			1U(+RR) 5F	109	0 1	27.5 26	MOUNTED WITH (+R)	98
1 1 1				1U(-RR; GR		0	17.5 26	MOUNTED WITH (-R)	1
122 3	216			10(111)				-5065 01111 2 -12	
							27.5 26	MANUSTED WITH (TRG	
(22 3	218		-	1U(RC) G	RO	0	27.5 (26	MACHINED WITH (INC.	
					-				
6 3	299			U(RCC1) G	RD	0	41 79		-1111
130 3	202		1	1L(RCCIR) GI	RD	0		MOUNTED WITH (DIS	
K22 N,25 3	216			1U.RCRM) 5	15	0	27.5 25	MINISTER (PER	77
(22 ZJ 3 (22 N,Z3 3	216			TU(REXT) GF	RD	0	27.5 26	MOUNTED WITH (LL	4
K44 N, ZQ 3	222		-	IL(REXS) 0	280	0		MOUNTED AFTH (EL)	1 1 1 1
100					=				7111
					\pm			-	
			-				+		
22 3	216		-	1L(RG) (-	5-RD	0	27.5 26	NOUNTED WITH (RGR	
2 3	216		-	1 1U(RGR) G		0	1 1	MUUNTED WITH (PG)	1 1 1
3	6	50		24(RL) 5) 1		3,1 2,9		- 11
2	0	170	-			8	1.6 1.7		7 1 1
22 3	216		-	1L(RGH) G	90	0	27,526	MOUNTED WITH (80H	32.
(22 1 K4 3	216			1U(ROHD) G 1L(ROH1) 5	580	0	11.911.3	MOUNTED WITH (SO)	2)_
(4 3	202			1U(R0H2) G		C	11.411.3	MOUNTED MITH (ROM	1)
K22 1 X22 3	216				GRD GRD	0 0 0	27 5 26	MOUNTED WITH (SO) MOUNTED WITH (HOH MTD WITH (HY), SEE FIR	,
X22 23,X3 3	216			IU(RT) G	SRD GRD	0	27.5 26	MTD WITH (-Y), SEE FIL MOUNTED WITH (RYF	6.3
K22 3	216 216 216			1L(RVM) G	GRD GRD	6	27.5 26	MOUNTED WITH (RUN	9)
522 3	216 1			1U(RVMR) G 1U(PVR) G 2L(S) J			27.5 26	MOUNTED WITH (RVH MOUNTED WITH (RVH MOUNTED WITH (RV)	
18 YA 3	56		IU(S)			R	52 55	1	
ZZ 3	558		2L(E)	10(\$)	4	P/S 0 R	16.3 15.5 6.3 6.8		
22 1	216		+	1L(50)		0	6.3 6.8 27.5 26		-1111
6 3	3	30 (340)0	1M(SL)	2M(SL) B/	/G	0 25 R 25	3.5 3.3 1.9 2.0		
(22 1	216			1L(S0) B	B/G	0 25	27.5 26	MOUNTED WITH (ROH	0
1(22 3	216			1L(SRT) G	GRD	0	27.5 26	MOUNTED WITH (SR)	(R)
K22 3	216	-		1U(SRTR) G		0	1 1	MOUNTED WITH (SRI	<u> </u>
			-		-				$\exists \vdash \vdash$
				=	$\Rightarrow \Rightarrow$				71 1
OTES:				1					1 -
PRIMARY AND SE	CONDARY IN S	ERIES AIDING.							PAGE
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								CD 00711-01	
					1			SD-99311-01-1	- 3
				Barrier I	TEL EDIA	ONE LABORA	TODICE		

SD-993II-01-F3

	PPARAT	us			MEC	H REQT			UIT PREFARATI		TEST	SEE TEST	OIRE		RRENT			
	CODE	·	FIG.	ĺ	BSP FIG.	CONT	ARM.	BLOCK	TEST CL	IP DATA	SET	TEST	TEST	TEST	AFTER	TEST	READJ	REMARKS
DESIG	COOE	OPT	FIG.		FIG.	PRES	ARM. TRVL	OR INSULATE	CONN BAT.	CONN GRD	PREP	NOTE	WDG	FOR	МА	MA	MA	
			_	_								-				_		
TRG	V2AK2L	-	3	\vdash	216	-				IL(TRG)	GRD			0		27.5	26	MOUNTED WITH (RC)
			_								-		-	—		-	_	
						-	-					-		-		-		
		_														-		
TS	NSVK55		3		216	-				IL(TS)	GRD		-	0		27.5	26	MOUNTED WITH (TSR)
TSI	1/2AK4	_	7		202	_	-			IU(TSI)	GRD	-		0	_	11.9	11.3	MOUNTED WITH (NTI)
TS2	NS WKSS	YV	3		216					IL (TS2)	GRD			D		27.5	26	MOUNTED WITH (NT2)
TSR	I\SVK55	-	3	_	216					IU (TSR)	GRD		-	0		27.5	26	MOUNTED WITH (TS)
		-		_			_					_		_			_	
-		_		-		_			_		-					-	-	
		-	-				-						_					
-																		
TT	:/2AK28	-	3		215					IL(TT)	GRD		-	0		27.5	26	MOUNTED WITH (TTR)
TTR	1/24%22	_	3		216					(U(TTR)	GRD			0		27.5	26	MOUNTED WITH (TT)
		-	\vdash	-	-						-			-		-	-	
				-									_					
			-	├							-			-		-		
			-		-	-	_				-			_		-		
VR	NS VKSS	_	3	_	216					IL (VR)	G9D		-	0		275	26	MOUNTED WITH (VRR)
VRR	1/2AK22	-	3	-	216					IU(VRR)	GRD			0		27.5	26	MOUNTED WITH (VR)
		-																
		_			-													
-			-	-	-	-					-		-	-		-		
																_		
	AF32		3		208					U(XN)			-	0	-	-	30,5	
XN	AF32		3		208					U(XN)	GRD			0		32	30,5	
		_	_													_		
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RCUIT	PACK					_						_			_		-	
BC	03	_	Т			-		(DL) O			\vdash	1,3	-	-	-	-	-	
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TEST NUTES:

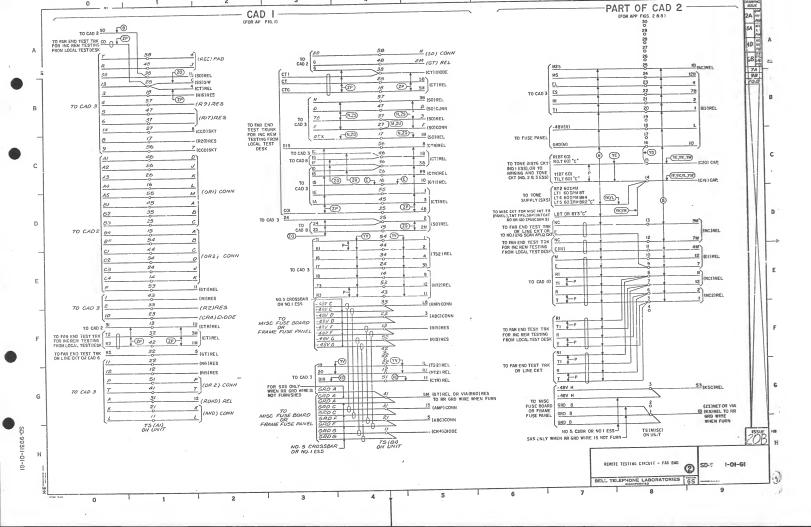
I. USE TEST SET FOR TIMING TESTS:

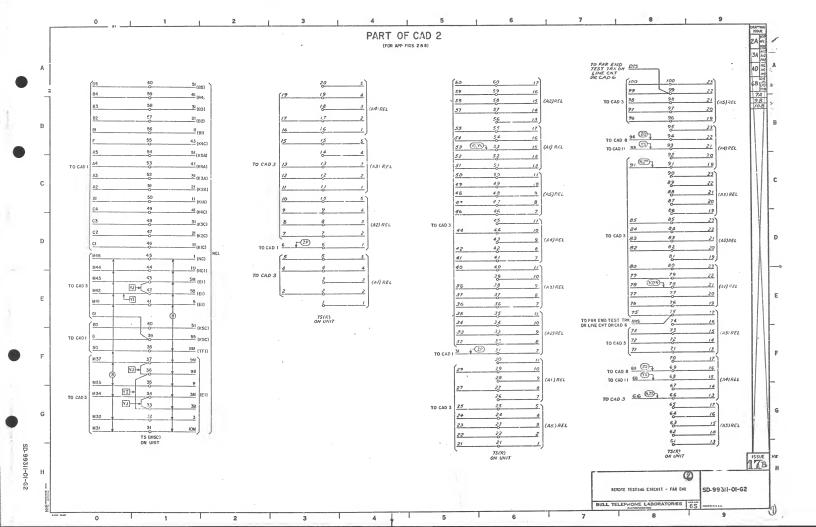
	CKT PREP	TES	T CLIP	ATA	TES	T SET PR	EP	TIME		SEE	
	BLOCK	CONN	CONN	CONN	SEND	RCV	SW	MS	EC	TEST	
	INSUL ATE	BK	R	W	KEY	START	STOP	MIN	MAX	NOTE	
ABC	(DL)O	GRD	IL(GT)	NOTE 3	MK	OC	GRD	NOTE 3	NOTE 3	3	
TF		GRD	IL(TFR)	NOTE 5	NK.	oc	GRD	NOTE 5	NOTE 5	5	
	(0500			12F(LF)	MK	OC	GRD	500	610	2	
TMR	(DLI)NO	GRD	IU(LP)	IOF(D)	MIC	OC	GRD	1230	1370_	4	
	(01/210	GRC	IL(ROH)	IZF (ROHE.	MK	GRD	OC		1370	4	

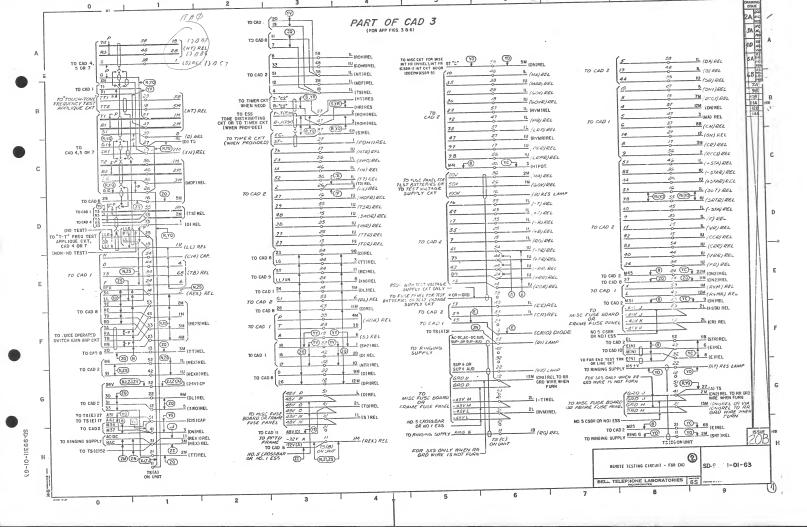
- 2 PUT DREN PLUS IN TUTLI JACK USINO A CLUP CLIPO CONPECT FRAME GROUND TO ISSUEP BILLD NO CONPECT A TION, INDICET THE WAS COMPOSED TO INSUEP BILLD NO CONPECT A TION IN MODER THE WAS COMPOSED AND 624 TOOLS BETWEEN GROUND AND MEDIA THE MASTER, MCD LITSTAY EVEN OF OR POSTUDIO AND MIRED MATCH DIAL O (2200) GITTH MAND SET, ALUNS TOTAL FOR THE MATCH THE MASTER AND THE MATCH THE MA
- BLOCK OPERATE (LL), CONNECT CONN W TO 5F(GT), TAKE READING I.
 CONNECT CONN W TO HE(GTH), TAKE READING 2, READING 2 MINUS
 READING I SHOULD BE BETWEEN 40 AND 60 MS.
- CALIBRATE TEST SET FOR 500 MS QUARTER SCALE MAKING FULL SCALE 2000 MS.
- CONNECT CONN W TO 4M(TFR), TAXE READING I, CONNECT CONN W TO EM(TFI), TAKE READING 2. READING 2 MINUS READING I SHOULD BE BETWEEN 2500 AND 2700 MS.

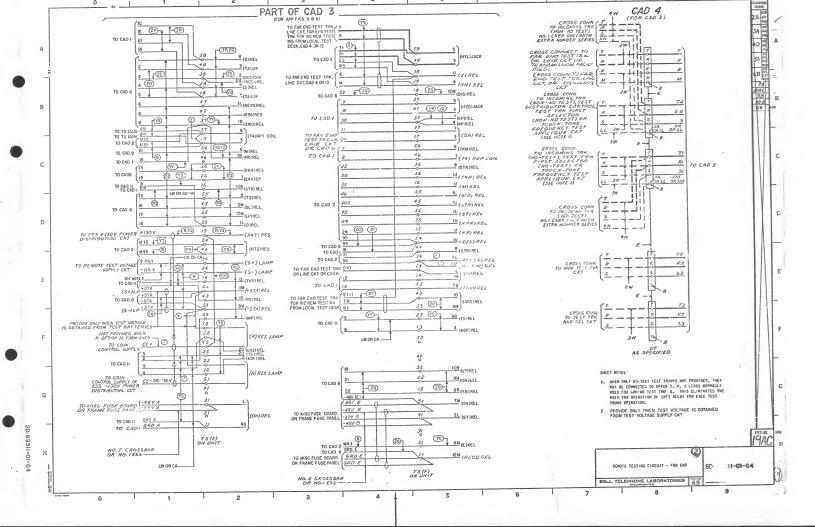
REMOTE TESTING CIRCUIT - FAR END

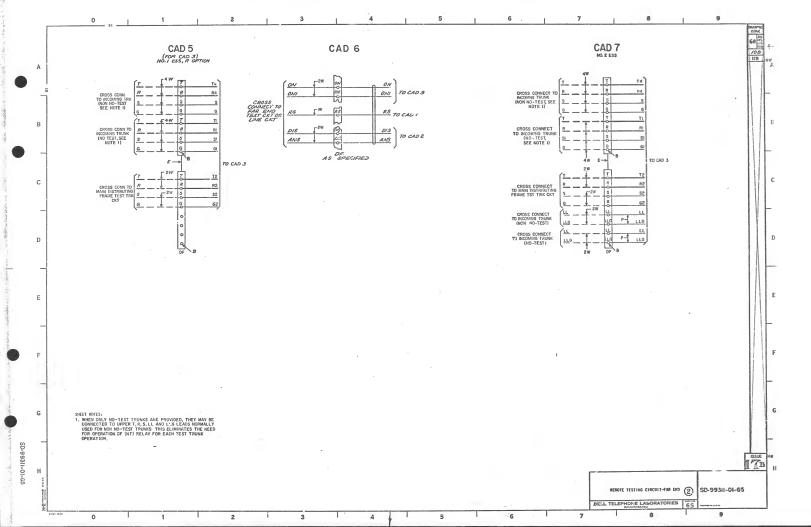
SD-99311 - 01-F4

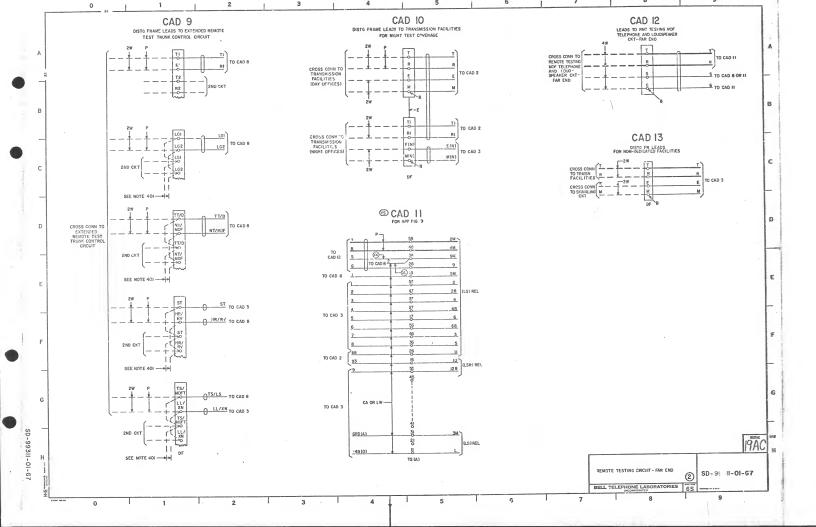


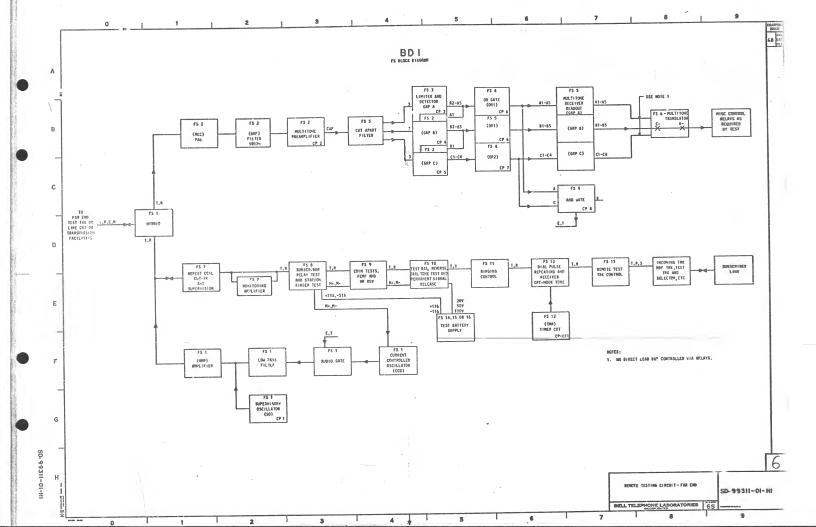


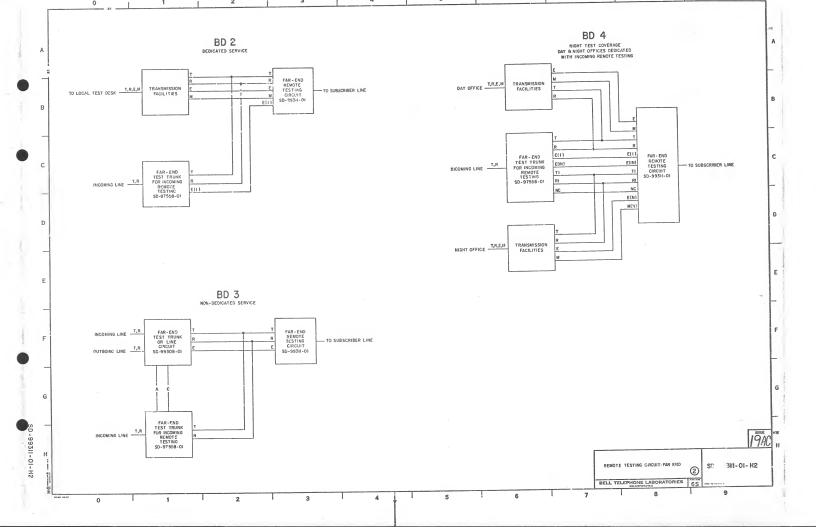


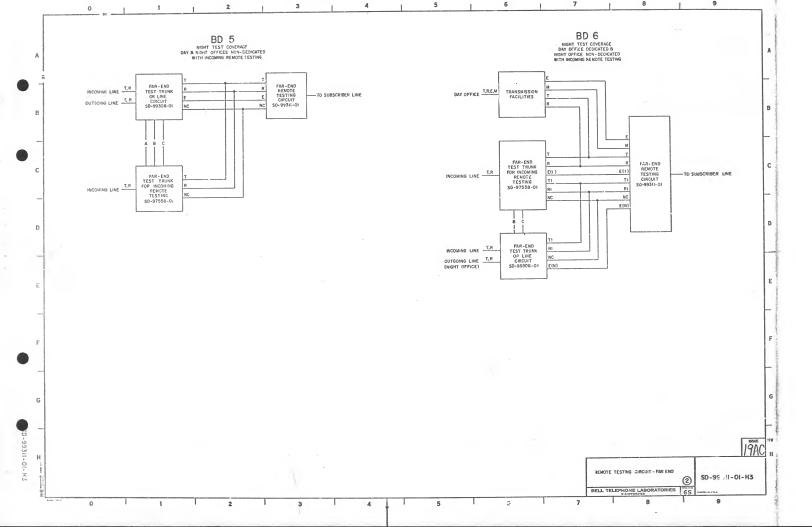


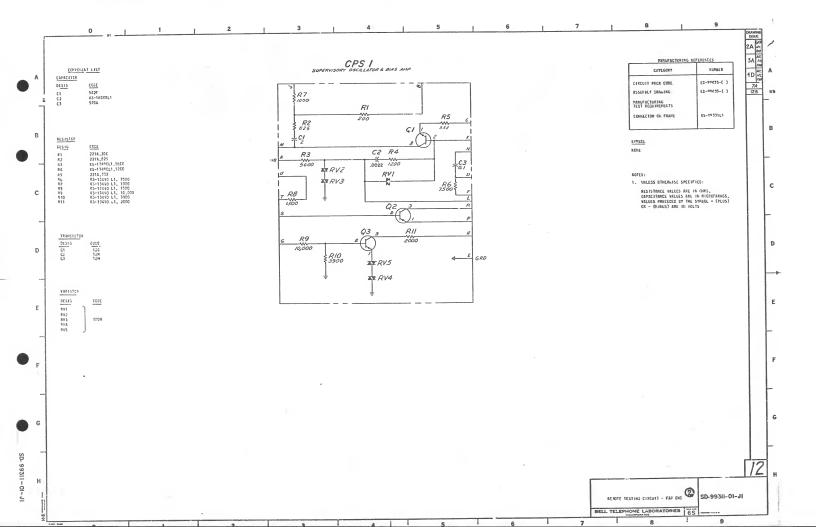


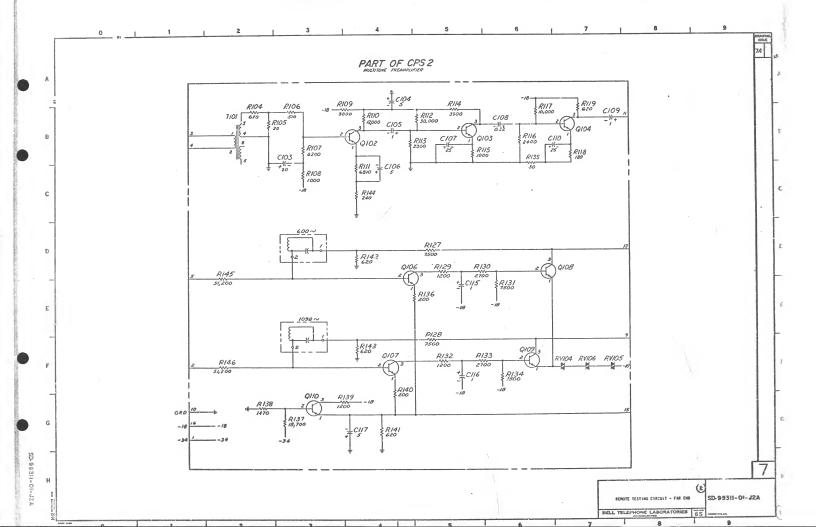


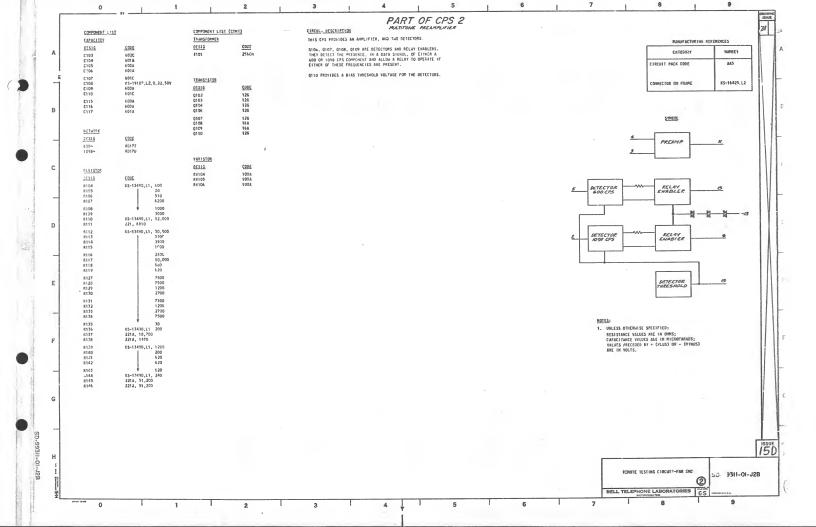


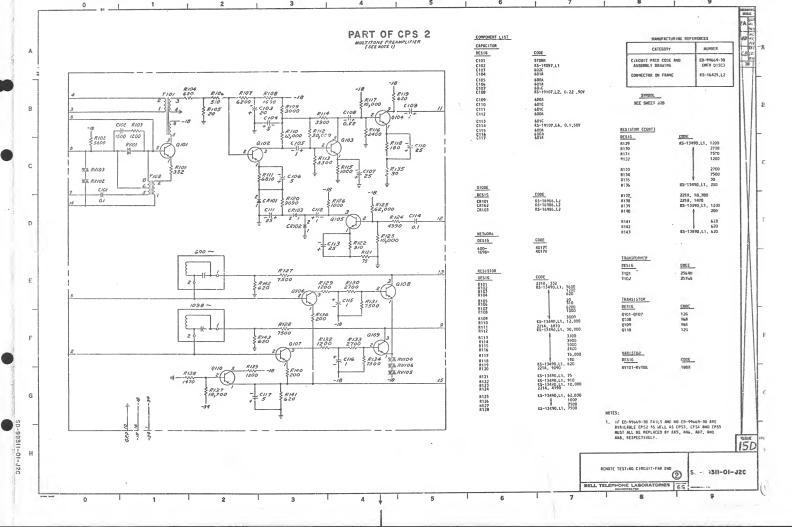


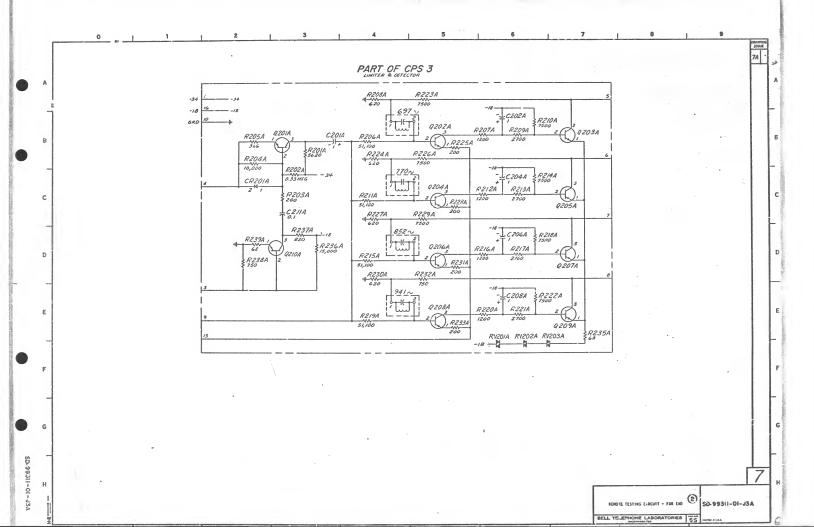


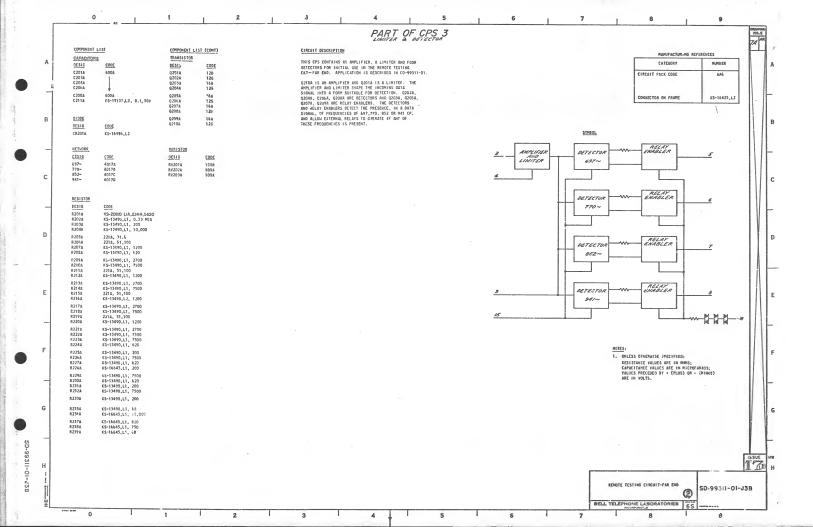




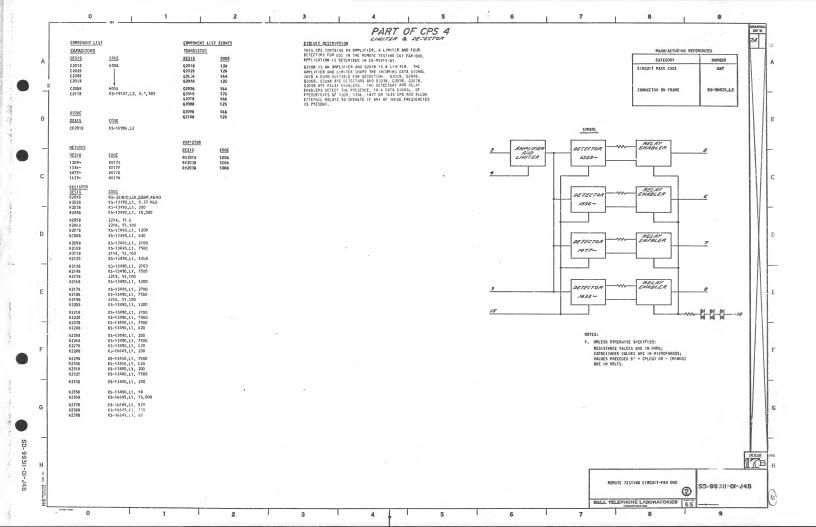


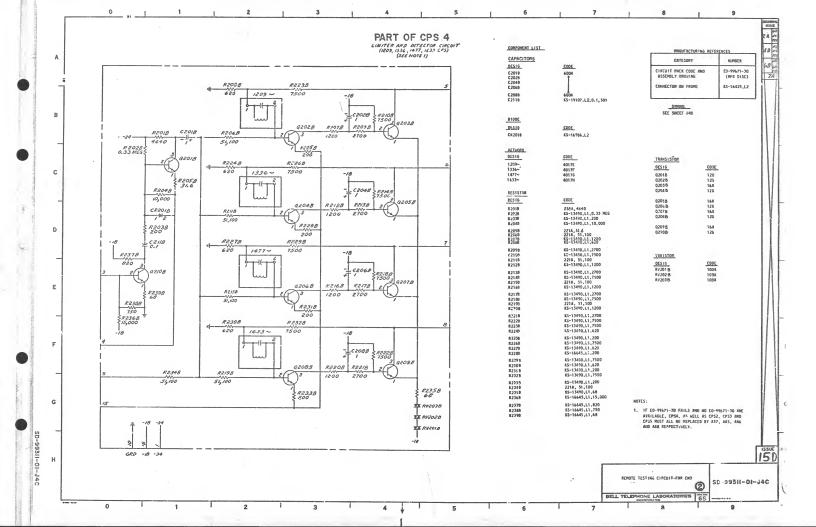


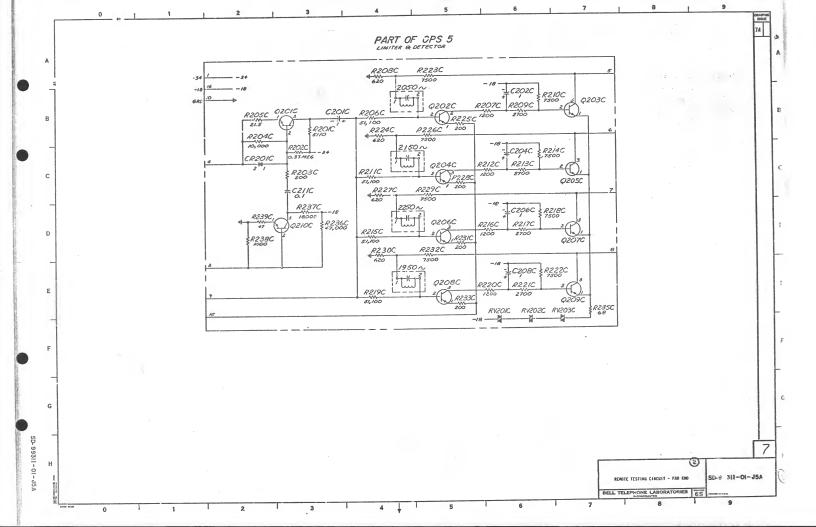


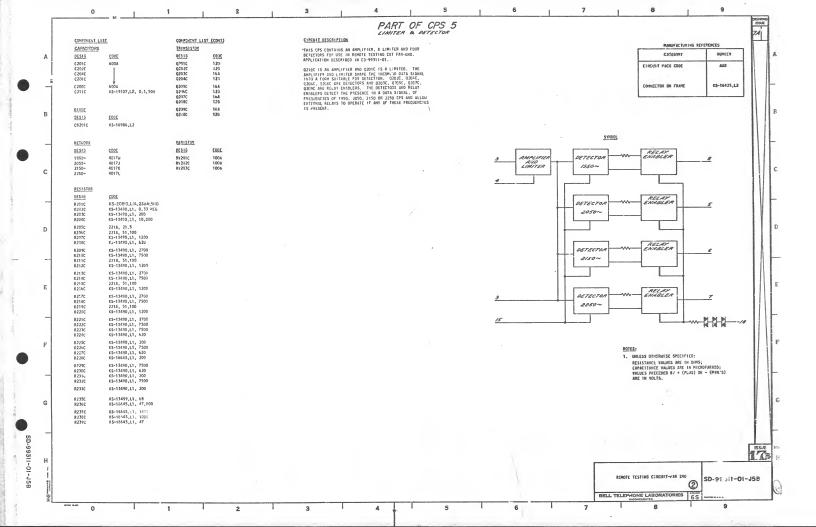


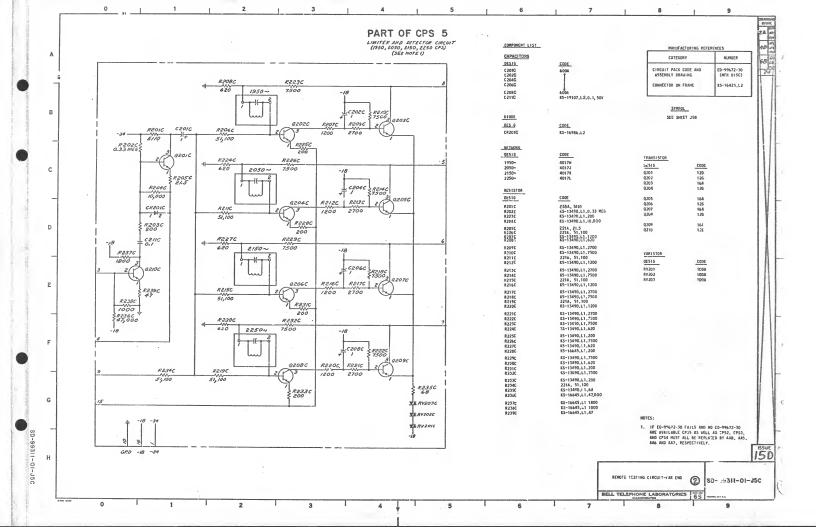
PART OF CPS 4 R208B R223B 1209~ -J. R202B Q209B R206B \$R201B #224B R226B P204B 10,000 R202B ___C204B CR201B R2I3B RZIZB R203B #211B 1200 2700 R229B / 200 Q205B C2/1B #227B 7500 R237B -LC206B R239B R236B 15,000 R216B R2I7B QZIOB R215B 51,100 R2388 750 Q207B #230B P2328 LC208B ₹222B ₹7500 51,100 Q209B RV201B RV202B RV203B

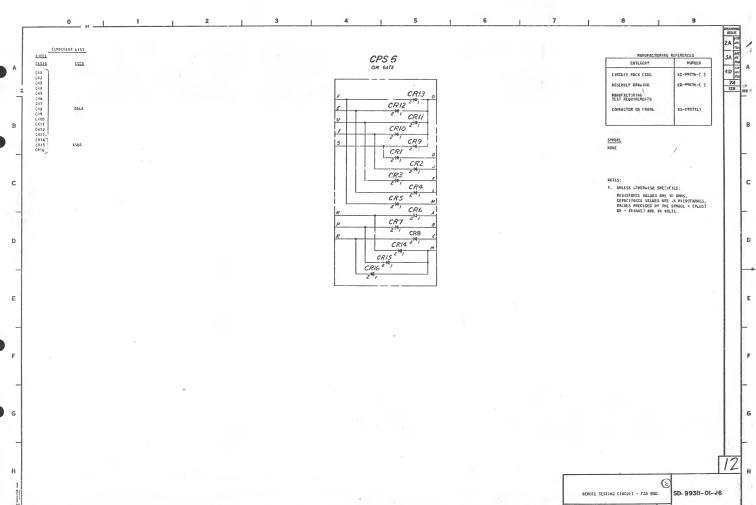












BELL TELEPHONE LABORATORIES 65

